

## Historic, archived document

Do not assume content reflects current  
scientific knowledge, policies, or practices.





62.09

Red Wing Peach  
(See page 10)

# ARMSTRONG NURSERIES

ONTARIO  
CALIFORNIA

1944

New John Innes  
Blackberry  
(See Page 17)

# Armstrong

## There is a Difference

Not all citrus trees are the same. You have seen some orange trees loaded down with high quality fruit and others that were scrubby things with little or no fruit on them and that possibly of an inferior type. Care after planting has a lot to do with it (that is up to you), but in most cases the kind of mature tree you get is determined by the kind of young tree you plant (that is up to us).

Five, ten, twenty years after you plant, that's when you really appreciate an Armstrong Citrus Tree, because that's when you'll be enjoying the big crops, the superior quality for which Armstrong strains are famous.

**The New Robertson Navel Orange**  
Produces heavier crops and starts to ripen several weeks earlier in the winter season.

## Planting Calendar for Citrus

The black squares under every month in the planting calendar below indicate that you can plant citrus trees (balled, bare root or in tins) during any month in the year (spring months are slightly preferable).

Month	J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■	■	■	■	■	■	■	■	■

## Shipping Weights and Costs

Citrus trees are usually supplied with a burlap-wrapped ball of earth on the roots, but bare root trees may be supplied if specially requested. We recommend and often ship bare root trees to distant points to save transportation expense. Balled, 1-year trees weigh 40 lbs., 2-year trees, 60 lbs. Bare root trees, 1-year, weigh 2 lbs. for the first tree and 1 lb. for each added tree. See page 41 for shipping costs.

## Dependable for 54 Years

For 54 years, always under the same management, Armstrong Nurseries has been furnishing superior citrus trees to the orchardists and home planters of the Southwest. Many of the finest and largest producing orchards in this State are planted with Armstrong grown trees, and no matter in what town you live, you're sure to find in nearby home gardens Armstrong citrus trees providing large quantities of wonderful fruit for their owners.

Painstaking attention to the details of seed selection, rigid grading of seedlings, modern bud selection methods and careful growing and digging practices produce an Armstrong citrus tree which is inherently vigorous and productive.

## Top-Work Your Old Trees

Unauthorized reproduction of patented citrus varieties, including Armstrong Seedless Valencia, Robertson Navel, Summernaut or Armstrong Seedless Lemon either as nursery grown trees or as top-worked orchard trees is prohibited under the terms of the U. S. Plant Patent Laws. Licenses for top-working orchard trees to these varieties may be secured from the Armstrong Nurseries for a very small charge. Write for information if interested in top-working.

## For Arizona Planters

Trees of the Robertson Navel Orange, Armstrong Seedless Valencia Orange and Summernaut Orange are available for planting in Arizona from Mr. H. H. Wasser, Nurseryman, Route 2, Box 217 (7220 North 12th Street), Phoenix. Mr. Wasser also is authorized to issue licenses for top-working orchard trees to the above varieties in Arizona.

## Are You Up-to-Date?

Do you know just how good citrus fruit can be or what new improved kinds have been developed over the past ten years? Most planters are not aware of the progress made in citrus fruits recently.

We are constantly testing new citrus varieties and offering them for your profit and pleasure when we are convinced that they are worthy of recommending to you. New improved citrus kinds which we definitely recommend include: The heavy bearing, early ripening Robertson Navel for winter oranges; the Armstrong Seedless Valencia for seedless summer orange juice; the Armstrong Seedless Lemon for seedless lemonade the year around; the Summernaut, a delicious juicy orange which reverses the Navel season by ripening in the summer.

Then there are those richly flavored, juicy Tangelos; the heavy bearing, ornamental, cold-resistant Calamondin; and the juiciest and finest of all Tangerines, the Kara and Kinnow.

You might as well have the finest in citrus fruits while you are planting. Many of these kinds are available only at Armstrongs because only Armstrongs have taken the trouble to search them out, test them and grow them for you.

## Be Sure It's Genuine

Every tree sold of the Armstrong Seedless Valencia (Plant Pat. No. 124), the Robertson Navel (Plant Pat. No. 126), the Summernaut Orange (Plant Pat. No. 347), and the Armstrong Seedless Lemon (Plant Pat. No. 342), carries a tag bearing its patent number, and unless it does carry such a tag, it is not a genuine tree of the varieties named.

## Armstrong Seedless Valencia Orange

**Armstrong Seedless Valencia. FC20.** Throughout the world wherever oranges are grown the Valencia has long been considered the finest summer juice orange, but until the introduction of the Armstrong Seedless Valencia two years ago, there had never been a Valencia without seeds. The ordinary kind contains from 4 to 8 seeds and usually 6 or 8 which must be strained out each time that juice is squeezed. Housewives throughout the country will welcome this new seedless orange.

In appearance the Armstrong Seedless Valencia is similar to the ordinary Valencia, but possibly finer textured, with much less rag and a little better quality. The vigorous trees bear heavy crops of beautiful seedless fruit. Although an occasional seed may be found, you will have to hunt through hundreds of fruits to find one. You can throw away your orange juice strainers when you have this new Seedless Valencia in bearing.

Price on Armstrong Seedless Valencia, 2-year trees, \$4.50 each, \$42.50 per 10.

**Armstrong Seedless Valencia**  
When cut in half, the fruits of the Armstrong Seedless Valencia Orange show only clear, juicy flesh, with no seeds in evidence, as shown in this picture.



# California Citrus

## Robertson Navel Orange

**Robertson Navel. FC23.** The finest winter ripening orange for California—that is what we claim for this new, improved, early ripening, heavier producing orange. Young trees two and three years old are loaded down with fruit, bearing two or three times as much as trees of the Washington Navel of the same age, and it continues to far outbear that variety after the trees are mature. You will not have to wait for fruit on the Robertson because it starts producing almost as soon as you plant the trees.

The Robertson Navel is the best winter orange and the one you will find most profitable because—

1. In appearance, color, tenderness, flavor and juiciness the Robertson is equal to the finest Washington Navel, making it the best eating orange in the world.
2. The Robertson is by far the heaviest bearing Navel Orange, far more productive than the Washington Navel. It consistently bears more boxes per tree and per acre, even though the tree is slightly smaller than Washington.

3. The Robertson tree usually starts to bear as soon as it is planted.

4. The fruit is smooth, uniform, and nearly all of it in the desirable medium sizes.

5. You can pick the fruit two to three weeks ahead of the Washington Navel, well before Christmas, before the heavy winter frosts. This is an exceedingly important characteristic in the early ripening citrus areas such as the San Joaquin Valley. In that section Robertsons are sweet, colored and ready to pick early in November.

	Each	Per 10
1-year trees .....	\$4.00	\$37.50
2-year trees .....	4.50	42.50

Write for special low prices on 25 or more trees.

## Washington Navel

**Washington Navel. FC28.** This famous seedless, winter ripening Orange is largely responsible for California's world-wide citrus fame. The fruit is large, with the characteristic navel at the blossom end, and in flavor, juiciness and general high quality, it is not excelled by any other Orange. The skin peels off readily, while the sections are easily separated without breaking. While easily grown anywhere in Southern California, it is at its best in the foothills and the valleys a few miles removed from the coast. December to April. 2-year trees, \$4.00 each, \$37.50 per 10.

## Valencia Orange

**Valencia. FC27.** The best summer orange the world over is the Valencia. Valencias begin to ripen in May and are available throughout the summer and fall months. The medium-sized fruit is juicy and sweet, with few seeds, and the tree is the largest of all citrus varieties. Most of the summer orange juice consumed in the United States comes from the Valencia. If you want your orange juice absolutely seedless, you will want the new Armstrong Seedless Valencias on opposite page. April to October. 1-year trees, \$3.50 each, \$32.50 per 10; 2-year trees, \$4.00 each, \$37.50 per 10.

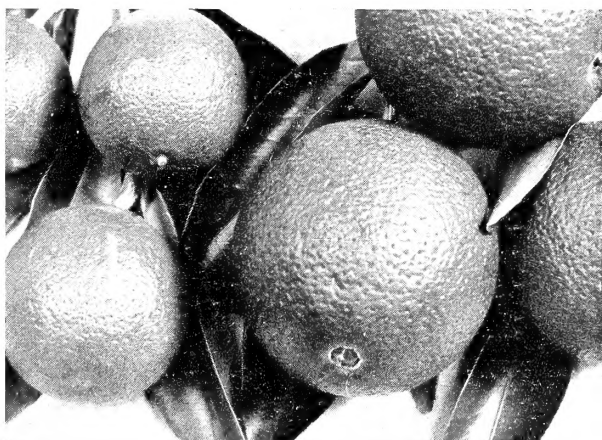
**St. Michael. FC25.** Sometimes called "Paper-Rind" because of the thinness of the skin on the medium sized, richly flavored fruits which are exceedingly sweet and juicy. Ripens between the Navel and the Valencia, and is a fine home fruit. Feb. to April. 2-year trees, \$4.00.

## The Best Blood Orange

**Ruby Blood. FC24.** This is the best Blood Orange. Of medium size, very sweet and juicy. The flesh is streaked with red and when fully ripe is blood-red, the color extending through the peel to show a red blush on the outside. The bright red juice is delicious, and the fruit meets any home use. February to May. 1-year trees, \$3.50 each, \$32.50 per 10; 2-year trees, \$4.00 each, \$37.50 per 10.



Both Paulette and the Robertson Navel Orange tree shown above are three years old. Robertson bears young and it bears heavily.



### Why the Robertson Navel Sets Heavy Crops

The photograph above shows why the Robertson Navel always sets a heavy crop. The larger cluster of fruits on the right are Robertson Navels, while the smaller fruits are ordinary Washington Navels. Both are average specimens of each variety picked in the same orchard on July 10th. The fruit of the Robertson is so large in June and July that hot weather affects it but little, while it causes the smaller fruit's of the Washington Navel to drop.

## New Summernavel Orange

**Summernavel Orange. FC26.** No orange is as good to eat as a Navel. Their quality, fine full flavor and firm juiciness has made California famous, but—until recently Navel oranges have been available only in the winter and spring. Now Armstrong offers the new Summernavel, a beautiful, large, juicy, full-flavored Navel orange, as good as any you ever tasted, but ripening in the summer months.

The fruit of the Summernavel is not ready to pick until March—it is at its best in June and July, and hangs on if you wish until October. The reason people like Navel oranges best to eat is because they peel so easily and the sections separate readily. It is a pleasure to eat them out of hand. There is nothing so enjoyable as a salad made from the firm yet juicy luscious segments of the Navel Orange, but heretofore housewives have never been able to make such salads except in the winter and spring because there were no Navels available. Now they can be had all through the warm summer when such salads are most enjoyed.

The Summernavel bears large size fruit. We don't see how it could be finer in quality. The tree is large leaved and vigorous, bearing excellent crops. It's the newest thing in California citrus fruit. Plant Pat. No. 347.

2-year trees of Summernavel, \$4.50 each, \$42.50 per 10. Write for special prices on 25 or more trees.

Juicy Summernavel Orange slices and Sodus Purple Raspberries make a delightful summer salad. Only the Summernavel Orange will give you orange slices in the summertime.



# Armstrong Limes, Grapefruit, Lemons

## The Piquant Limes

Everybody knows that limeade is one of the most delicious and refreshing of all drinks. Lime trees grow rapidly and bear fruit almost at once and continue to produce heavy crops. They are more susceptible to frost than other citrus fruits, and in colder sections the Eustis Limequat (see page 5) or the Calamondin (pictured at left) should be planted since their fruits will serve the same purposes as those of the lime.

### The Best Lime

**Bearss Seedless Lime. FC11.** This is the largest and finest of all, predominating at the present time in both commercial and home plantings. It has all of the good qualities one could ask for in a Lime, producing heavy crops of beautiful, seedless, highly acid fruits with rich Lime flavor, ripening most of its fruit in the summer when Limes are most in demand. The tree is large and vigorous, almost thornless, and slightly harder than the Mexican. Limes have been one of the best paying citrus fruits in recent years. 2-year trees, \$4.50 each, \$42.50 per 10. Write for special low prices on 25 or more trees.

**Rangpur Lime. FC12A.** The beautiful deep reddish orange fruits, shaped like a tangerine, are as handsome as any citrus fruits you ever saw, and they are just as good inside as they look outside. This is the most resistant to cold of all the limes we grow, and it has some of the most beautiful big white fragrant blossoms that you have ever sniffed at too. We recommend it as a combination fruit and ornamental. Bush form, gal. tins, \$1.25 each; 5-gal. tins, \$3.00 each.

### A Dwarf Lime

**Mexican Lime. FC12.** This old favorite Lime is still the best known variety in California. Its small, light green, oval fruit, strongly acid and richly flavored, is just the right size for one drink of ade. The semi-dwarf trees (about two-thirds the size of the others) bear extremely heavy crops, ripening all through the year. This variety and Bearss are the two commercial Limes. For a home fruit if you have little room and a reasonably frostless location, Mexican will give you more satisfaction than any other Lime because it bears enormously and there is nothing finer in flavor. 2-year trees, \$4.50 each, \$42.50 per 10. Write for special low prices on 25 or more trees.

## Beauty and Marmalade

**Brazilian Sour Orange. FC25A.** Provides lots of luxuriant big citrus foliage and big orange-red fruits. A beautiful ornamental tree from coast to desert and easy to grow. All the best English and Scotch marmalade is made from the Sour Orange. Unexcelled for espalier against a wall. 5-gal. tins, trained as espalier on trellis, \$5.00 each.

### Sweet Lime

**Sweet Lime. FC13.** The fruit of this variety has the characteristic Lime flavor, but the juice is so sweet that it may be taken without sugar. Large, yellow, very juicy fruits on a large, handsome tree which bears enormous crops of fruit, and is considerably harder than either Bearss or Mexican. You will find this fruit excellent to eat any time out of hand and that the juice makes a most refreshing and unusual drink. Large 2½-yr. specimens, \$7.50 each.

### The Hardy Lemon

Jan. 14, 1943: "I have had such good luck with your Meyer Lemon, it being so sturdy that it stands our Stockton freezes," L. E. B., Stockton, Calif.

See the Meyer Lemon described on the next page and illustrated on page 5. The Calamondin and the Satsuma Mandarin are just as hardy.

## Grapefruit (Pomelo)

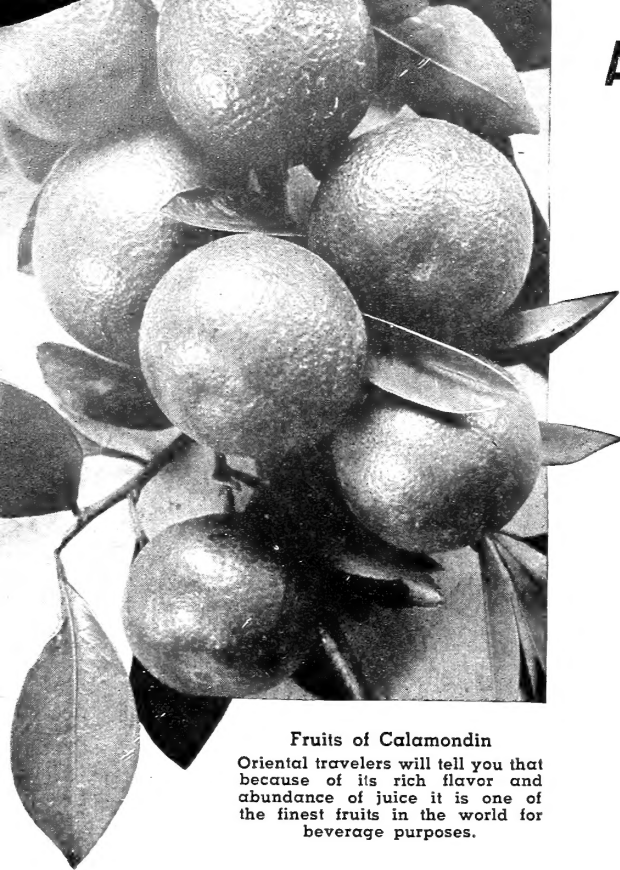
Every family is using more and more grapefruit each year, and the home grounds should have a tree or two, for they are easily grown with little care in most of California. There is considerable difference in the strains of Grapefruit. We are confident that the buds from which Armstrong Grapefruit trees are grown come from the finest type and heaviest producers now available.

**Marsh Seedless. FC2.** Most commercial plantings of grapefruit in California and Arizona are of this variety. The fruit is large, practically seedless, with a thin rind, abundant juice, and exceptionally fine flavor. The tree is a vigorous and compact grower and bears very heavily. Grapefruit in the Southwest are thinner-skinned and sweeter in the inland desert sections, but in all locations the Marsh Seedless is the best variety. Ripens December to May in desert, May to August near coast. 1-year trees, \$3.50 each, \$32.50 per 10; 2-year trees, \$4.00 each, \$37.50 per 10.

**Thompson Grapefruit. FC4.** (Pink Marsh Seedless.) A sport of the Marsh Seedless Grapefruit which bears fruit with decidedly pink flesh. In the desert regions of California the Thompson has richly colored deep pink flesh, almost red, while in districts nearer the coast the flesh has a pale, delicate pink color, varying in intensity throughout the ripening season. Aside from the novelty of colored flesh, the Thompson is a splendid seedless Grapefruit just as good in quality as the Marsh, wherever grown. 2-year trees, \$4.00 each.

## New Red Grapefruit

**Ruby Grapefruit. FC3.** Here is a new seedless red grapefruit, exactly the same as the Thompson but with more red in the flesh and with red color showing on the outside of the skin. In the desert areas the red color, both outside and in, is pronounced and beautiful. However near the coast, like all other red grapefruits, it shows very little color. No matter where you plant it, this is the newest and best there is in grapefruit. 1-year trees, \$4.50 each.



Fruits of Calamondin

Oriental travelers will tell you that because of its rich flavor and abundance of juice it is one of the finest fruits in the world for beverage purposes.

## Beautiful Tree, Delicious Fruit

**Calamondin. FC1.** Beautiful, densely-foliaged, tall, slender citrus tree from the Philippines, probably the most resistant to cold of all edible citrus fruits. It bears great quantities of little highly-colored fruits, reddish-orange inside and out, with an excellent unique flavor and with more juice to the square inch than any other citrus fruit. The fruit keeps ripening for some months, not all at once. Delightful for beverage purposes and a splendid ornamental. It makes delightfully delicious marmalade unique and different in flavor. The snowy white flowers are among the largest and most sweetly scented of all citrus blooms. Bush form, gal. tins, \$1.10 each, \$10.00 per 10; 5-gal. tins, \$3.00 each, \$27.50 per 10.

This Is the Way Your Armstrong Grapefruit Trees Will Produce  
A cluster of 47 Marsh Seedless Grapefruit on a young Armstrong tree. We do not guarantee that you'll always get clusters this large, but you will get plenty of fruit.





**Bearss Seedless Lime**  
First Choice for Home or Commercial Planting

## The Famous Meyer Lemon

Illustrated in Color on Next Page

**Meyer Lemon. FC9.** A Lemon tree that does not freeze even in the most severe California frosts, which ripens fruit almost throughout the year, fruits that are orange-colored, bigger and juicier than the average Lemon and make the finest lemon pie you ever tasted. A tree that is beautiful in appearance, has the biggest and most fragrant citrus blooms (not white but pink), which grows easily anywhere in California (or anywhere in the South and Southwest) from coast to the hottest desert valleys, and bears heavy crops always. This is the Meyer or Chinese Dwarf Lemon, the ideal home lemon tree. As a single tree, for hedge or as a pot plant the Meyer will give satisfaction. The tree-shaped plants listed below will make a large tree more quickly but are not so ornamental to start with as the bushy type. Bush form, gal. tins, \$1.00 each, \$9.00 per 10; 5-gal. tins, \$3.00 each, \$27.50 per 10; tree shape, 1-year, \$3.50 each; 2-year, \$4.00 each.

**Ponderosa Lemon. FC10A.** If you want lemons that are really big, and we mean big (12 inches in circumference), this is the one for you. And you won't have to wait long either because it's a dwarf tree and starts producing right now. We grow them in the containers and you can keep them there for a long time if you wish, or plant it out in the ground. The tree is harder than any other Lemon that we list except Meyer. Bush form, gal. tins, \$1.25 each; 5-gal. tins, \$3.00 each.

## Tangelos, Delightful Juice Fruits

The Tangelos are citrus hybrids obtained by crossing the Tangerine and the Grapefruit. They are easily grown, bear very heavy crops at an early age and are just as hardy as Oranges. Better than Grapefruit for areas immediately adjacent to the coast because they get sweet there while Grapefruit does not.

**Sampson Tangelo. FC30.** This is the best known of the Tangelos, and its golden-yellow, glossy skinned fruits are filled with a delicious orange-red juice which combines in a delightful way the zesty tang of the grapefruit and the sprightliness of the Tangerine. Next to the Kara Mandarin we consider this to have the most delicious juice of all citrus fruits. Colors up early in the winter but should be allowed to stay on the tree until late winter or spring to get its full sweetness. February to May. 2-year trees, \$4.50 each.

**San Jacinto Tangelo. FC31.** This variety resembles its Grapefruit parent more than Sampson, the big, loose-skinned, yellow fruits being very juicy and tender, while its delicious, unique flavor makes it an excellent fruit with which to vary the monotony of grapefruit. Within 20 miles of the coast this will be a more satisfactory home breakfast fruit than grapefruit because it is sweeter and has more flavor than does grapefruit in that area. 2-year trees, \$4.50 each.

If you live in the western part of Los Angeles or the beach cities, you'll want to visit our new Culver City Salesyard on Sepulveda Blvd., four blocks south of Culver Blvd.

**Armstrong Citrus Trees have been producing fine fruit in California plantings for 54 years.**

## Lemons

There are so many uses for Lemons that no home garden should be without a tree. Most Lemon varieties are not quite as hardy as orange trees, but for home use may safely be planted anywhere except in the very cold interior or northern districts. For these colder sections we recommend the Meyer Lemon (illustrated on page 5). For most locations in Southern California, we think there is no finer Lemon than the Armstrong Seedless—the only lemon without seeds—with as fine quality as you'll find in any Lemon.

## Eureka Lemon

**Eureka. FC7.** In recent years the leading lemon for both commercial and home planting; fruit uniform, of medium size, of the highest quality. The seeds are few and the juice is abundant. The tree is almost thornless. It bears continuously all through the year and ripens most of its fruit in the summer. The California lemon industry is largely founded upon the Eureka. If you want a Lemon like the Eureka but entirely seedless, plant the New Armstrong Seedless Lemon. 2-year trees, \$4.00 each, \$37.50 per 10.

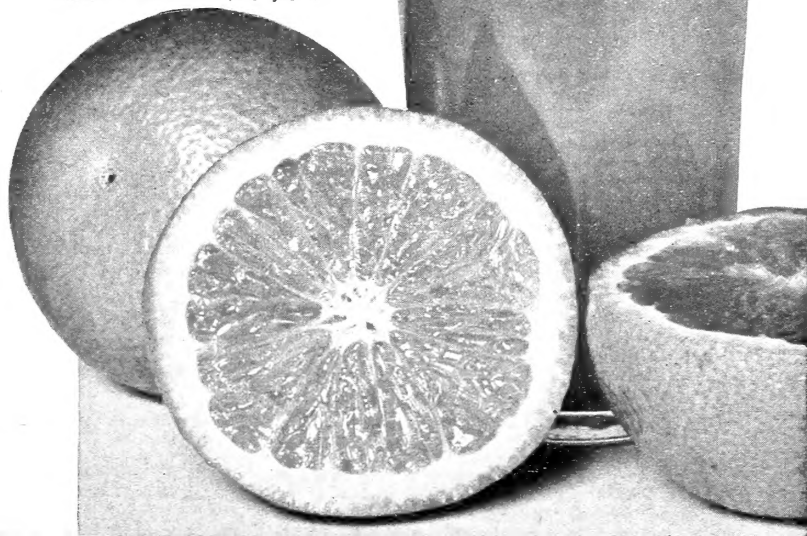
**Lisbon Lemon. FC8.** Although not planted as widely as Eureka, the Lisbon is highly favored in certain sections because the tree is exceedingly strong and vigorous, much more so than Eureka, and it is also much longer-lived. The buds for our trees were taken from an orchard tree which had a production record of 2,749 pounds of fruit in one year and has been consistently near that figure. The parent tree was grown from buds selected by Mr. A. D. Shamel of the U. S. D. A. for type, production and vigor. 2-year trees, \$4.00 each, \$37.50 per 10.

## Real Pink Lemonade

**Pink Fleshed Lemon. FC10.** Nature was in a gay mood when this unusual Lemon was created. The foliage is striped and variegated in many shades of green, pink, and white, but is normal and vigorous otherwise. The fruit is of medium size, juicy, and of good quality (it is a sport of Eureka), but astonishingly enough it is also striped in green and white, while the flesh and juice are a rich pink color. With its pink flower-buds added, it is a most unusual and unique tree—exceedingly ornamental as well as useful. Bush form, gal. tins, \$1.25 each; 5-gal. tins, \$3.00; tree shape, 2-year trees, \$4.50 each.

## Tangelos

All the time we were fixing up this picture to show you our mouths were watering because there is nothing more delicious than Tangelo juice.



## The New

## Armstrong Seedless

**Armstrong Seedless Lemon. FC6.** Now we are able to offer to California planters what we have been wanting for a long time—a Lemon of the finest quality with no seeds. Gone is the inconvenience of fishing seeds out of your lemonade. The variety was discovered in Riverside a few years ago and has been tested in a number of locations with the same uniform results, a total absence of seeds. Where planted with other Lemon varieties, an occasional seed may be found due to cross-pollination, but even then the seeds will be so rare they will be found only once in hundreds of fruits. Seedlessness would not be worthwhile unless quality was present. In this new Armstrong Seedless Lemon, however, the quality is just as good as in the famous Eureka Lemon to which this variety is almost identical in every respect except the presence of seeds. The fruit is large, smooth-skinned, juicy, and the tree bears heavy crops. Plant Pat. No. 342. 2-year trees, \$4.50 each, \$42.50 per 10; large specimens, \$7.50 each.

## Extra Size Specimens

Many of our customers wish to get citrus trees larger than the regular 1 and 2-year grades for home planting, in order to have a large tree more quickly. We have extra size specimens on which we leave most of the top, taking them up with a large ball of earth on the roots (about 125 lbs.) so that they are not checked in growth. The prices vary according to variety and size, but most of them run from \$7.50 to \$10.00 each.



# Citrus (Continued)

## For Potted Plants

For the patio, outdoor stairway, garden walks and terraces in many California gardens, there is no more delightful potted plant than one of the citrus trees, with its glossy foliage, fragrant blooms and orange or yellow fruits. We have grown certain varieties in bush form as potted plants, kinds which will keep in good condition in a container for a reasonable length of time. Full descriptions of these varieties, with sizes and prices, are given under each variety in this section of the catalog, but for easy reference we mention them here. All are very hardy (15°) except Pink-Fleshed Lemon (22°).

**Meyer Lemon.** See page 4.

**Calamondin.** See page 3.

**Rangpur Lime.** See page 3.

**Otaheite Orange.** See below.

**Pink-Fleshed Lemon.** See page 4.

**Myrtle-Leaved Orange.** Below.

## Eustis Limequat

**Eustis Limequat. FC14.** A cross between the Lime and the Kumquat. The fruit resembles a light yellow Lime and is thin-skinned, firm, very juicy, almost seedless, and is delicious when used like the Lime for beverage purposes. The tree is small, of rapid upright growth producing fruit almost immediately after planting, and bearing exceedingly heavy crops, the arching branching often being so lined with the beautiful yellow fruits that they arch over with the weight. From January to June the tree will give you and your family hundreds of delicious drinks of vitamin-rich, refreshing limequat-ade. Several degrees harder than Limes. 2-year trees, \$4.50 each.

## Citrus Fruiting Calendar

By careful selection of varieties it is easy to secure delicious, healthful citrus fruits for the family to use every day in the year even though there is room on the home place for but a few trees. If you choose the varieties below, you will have the best kinds available in their ripening periods.

December to June.....	Robertson Navel Orange
April to October.....	Armstrong Seedless Valencia
March to September.....	Summernavel Orange
Every month in the year.....	Armstrong Seedless Lemon
February to April.....	Kara Mandarin
May to August.....	Marsh Seedless Grapefruit
Almost every month.....	Bears Seedless Lime

The Meyer Lemon is hardy almost anywhere in California. See description on preceding page.



The new Kara Mandarin is amazingly juicy, with a new and different flavor.

## Mandarin Oranges (Tangerines)

The Mandarin Oranges, or Tangerines, as they are more popularly called, are splendid fruits for home planting because of the heavy crops of sweet, juicy, uniquely-flavored fruit which everyone likes.

### Price On All Mandarins

	Each	Per 10
2-year trees.....	\$4.50	\$42.50

Kara and Kinnow, the two Mandarin Oranges listed below, originated by Dr. Frost of the University of California Citrus Experiment Station, are, in our opinion, just about the finest eating of all the citrus fruits. Maybe we should say drinking, because these beautiful golden thin-skinned Mandarins are bursting with unbelievable quantities of the most delicious, sweetest and richest flavored juice that ever trickled over the palate. How full of vitamins they must be, and what a pleasant way to "take them." The trees are vigorous and heavy bearing.

**Kara Mandarin. FC17.** This hybrid between Satsuma and the King Mandarin is the largest of these two new varieties. Its beautiful rich orange flesh, while firm, is exceptionally tender and juicy, and so sweet and rich in flavor that it can be diluted fifty per cent with water and still taste better than most citrus juices do taken straight. You can get more juice out of these beautiful golden orange fruits than you would believe possible, and they have an entirely new flavor in citrus fruits. February to April.

**Kinnow Mandarin. FC18.** These smooth-skinned, glossy, yellowish-orange fruits are a little smaller than the Kara, but both in tree and fruit this variety is the most beautiful in appearance. The tree is a heavy bearer, producing great quantities of the handsome delicious fruits, exceedingly juicy and full of flavor. We have listened to many arguments among the experts as to which is the better, Kara or Kinnow, and if Mr. Gallup took a poll, he would probably find that 50 per cent like Kinnow best and the other 50 per cent like Kara. They are quite different, so we'll let you decide. If it's just looks you want, then you had better plant Kinnow. January to April.

## An Old Favorite

**Dancy Mandarin. FC16.** Most of the tangerines you buy in the market are of this kind because it's an old variety planted commercially for many years. Large, handsome, thin-skinned, orange-red fruits, borne on a big, vigorous, heavy producing tree. It is a very satisfactory Tangerine everywhere in the citrus district but we would prefer to sell you a Kara or Kinnow because we think the quality is better.

## Satsuma

**Satsuma (Owari). FC19.** The hardiest orange that we grow, and for this reason can be planted where other citrus fruits will not succeed, but it is one of the best for any district because its big, flat, loose-skinned, deep orange fruits are sweet, tender and juicy, and best of all, they ripen early, long before Christmas, when almost no other citrus fruits are yet ripe. The tree is a dwarf, seldom more than 10 feet, bearing while very young. November to March.

**Clementine Mandarin. FC15. (Algerian.)** This excellent Tangerine has four distinctive characteristics. (1) The delicious medium-sized fruit is just about the sweetest of all the Tangerines; (2) the fruit has a rich red color; (3) next to Satsuma it is the earliest to ripen; and (4) its dark green, glossy, compact foliage makes it one of the most beautiful of citrus trees. It has been very profitable commercially in Coachella and Imperial Valleys. December to March.

## Otaheite Orange

**Otaheite Oranges. FC21A.** Splendid for a small pot or tub plant either for outdoor or conservatory use is this dwarf Orange. It makes a spreading little plant with broad handsome deep green citrus foliage, and bearing, even while very small, quantities of small 2-inch orange-yellow fruits, of no value to eat, but exceedingly ornamental. Quite hardy and will thrive in a comparatively small container for a long period of time. Gal. tins, 90c each; 5-gal. tins, bushy, \$2.75 each.

## Myrtle-Leaved Orange

**Myrtle-Leaved Orange (Chinotto.) FC21.** A beautiful small ornamental fruiting shrub about 8 feet high, rounded and spreading, densely foliaged with handsome, little pointed myrtle-like leaves. Loaded every winter and spring with beautiful little golden yellow fruits, of no value to eat, but making splendid marmalade. Quite hardy (15°), it grows easily almost anywhere. Bush form, gal. tins \$1.25 each; 5-gal. tins, \$3.00.



# Sub-Tropical Fruiting Trees and Plants

One of the most delightful things about owning a home place in California is that you can grow and enjoy so many interesting and unusual tropical and semi-tropical fruits. Some grow on bushes, some grow on trees, and the Armstrong Nurseries for years have specialized in seeking out and growing the best of these unusual fruiting trees and plants which are also most ornamental.

**Average shipping weight of sub-tropicals: 5-gal. tins, 50 lbs. each; balled trees, 50 lbs. each; gal. tins, 10 lbs. each. See page 41 for shipping costs.**

## Armstrong Loquats

The Loquat is much hardier than most other sub-tropical fruit trees and thrives almost anywhere in California except in the mountain and desert regions. Loquats ripen in April and May when other fruits are scarce, and have a sprightly aromatic flavor which everyone enjoys, while Loquat jelly is just about the most delicious thing of its kind. The Loquat is a splendid small spreading evergreen tree for ornamental purposes alone. Hardy down to 15°.

**Advance. FS21.** Large, pear-shaped, deep yellow fruits with delicious juicy white flesh. Possibly the most beautiful tree and one of the heaviest bearers. The fruit makes the finest Loquat jelly you ever tasted. March to June. Balled, heavy 2-year trees, \$3.50 each.

**Champagne. FS22.** The big yellow-skinned, white-fleshed fruits are exceedingly juicy and richly flavored. Fine for both coast and interior areas. Its zippy, zestful flavor will please you, and it's just right for jelly. March to May. Balled, heavy 2-year trees, \$3.50 each.

**Gold Nugget. FS24.** The glossy, deep orange fruits of this splendid Loquat rate right at the top in appearance and flavor. The orange-fleshed Loquats are much sweeter than the white kinds. They also ripen later and are best suited to the coastal counties, but do very well inland also. The fruit of Gold Nugget will make you smack your lips and reach for more because it is just about the best eating Loquat there is. The fruit of this variety has been bringing high prices on the market, but if you have a family, you'll find they'll eat it all up and there won't be any to sell. May to June. Balled, heavy 1-year trees, \$4.00 each.

## The Natal Plum (Carissa)

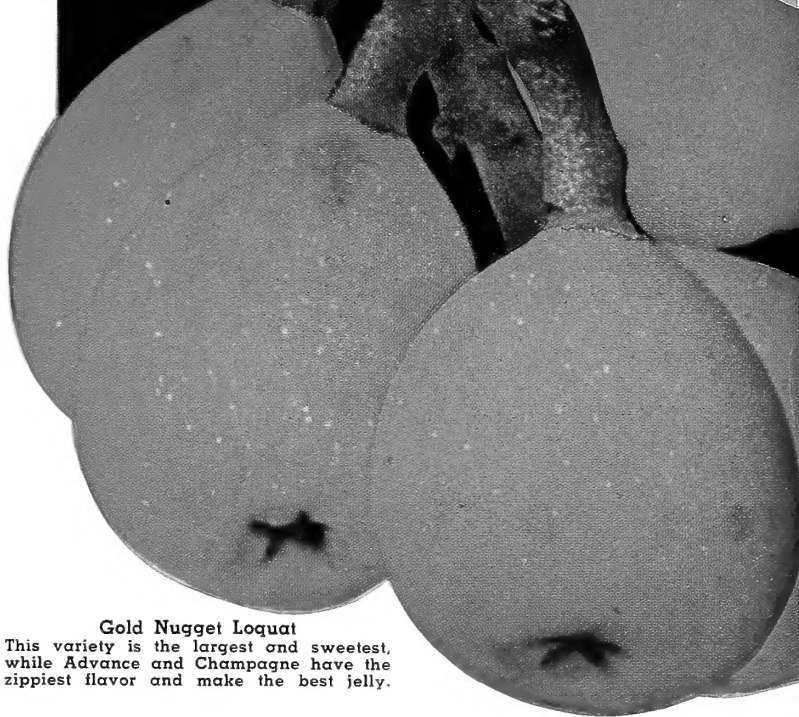
**Natal Plum (Carissa grandiflora). FS1.** 5-8 ft. 22°. A lovely large shrub from South Africa, uniquely beautiful in flower, fruit and foliage. The rich glossy green foliage makes a splendid background for the star-like, intensely fragrant, white blossoms and the brilliant scarlet fruits which are about the size of a date or larger. Fruits and flowers appear at all times during the year. Naturally grows to a height of 6 or 8 feet with the same spread, but may be trimmed lower if desired. The fruits are edible, and when cooked they make a delicious jam suggestive of cranberry jelly and plum jam. The plant thrives in the extreme heat of the desert or in the cool moist weather of the coast, and is hardy almost anywhere in California. Plants in gal. tins, 85c each, \$7.50 per 10; 5-gal. tins, \$2.50 each, \$22.50 per 10.

**Armstrong Large-Fruited Natal Plum. FS2.** This is a fine selected strain of the Carissa described above which has fruit half again as large, beautiful big scarlet fruits that make a magnificent show on the plant and in a bowl. The leaves and the entire plant are a little larger too. The fruit ripens continuously, especially near the coast. Gal. tins, \$1.50 each, \$14.00 per 10; 5-gal. tins, \$3.50 each.

**Prostrate Natal Plum. FS3.** A lower growing form of Carissa, easily kept down with light pruning to 3 or 4 feet in height but becoming 8 or 10 feet across. Gal. tins, 85c each, \$7.50 per 10; 5-gal. tins, \$2.50 each.

## Melons on Trees

**Papaya. FS33.** One of the most delicious table fruits of the tropics and while too tender for most of California, it will grow and bear fruit in sheltered frostless locations. The luxuriant, large leaved, tropical appearing plants grow with great rapidity and should bear their large, luscious, melon-like fruits within two years. Papayas require a warm, sunny, well drained location with plenty of water and fertilizer and must be kept growing rapidly in order to be a success. We cannot guarantee the plants that we send out to be successful because there are comparatively few locations in which they will thrive in California. Since the male and female flowers of the Papaya are borne on separate plants at least three plants should be planted together in order that at least one of each sex will be present. The plants that we offer are the famous Solo strain from Hawaii. Gal. tins, \$1.50 each; 5-gal. tins, \$3.50 each.



**Gold Nugget Loquat**

This variety is the largest and sweetest, while Advance and Champagne have the zippiest flavor and make the best jelly.

## The Peruvian Pepino

**The Pepino (Solanum muricatum). FS35.** 28°. Is a handsome evergreen fruiting shrub from Peru, becoming 3 feet in height, producing from September all through the winter into the late spring quantities of large, oval, bright yellow fruits splashed with violet, 4 to 6 inches in length. The fruits are excellent in salads. Full sun. Gal. tins, 85c each; 5-gal. tins, \$2.50 each.

## Surinam Cherry

**Surinam Cherry. FS13. (Eugenia uniflora.)** 20°. Here is one of the most beautiful of the ornamental fruiting shrubs. A beautiful, glossy leaved, compact plant, branching close to the ground, it is good looking at all times during the year. In the spring it bears big crops of handsome, deep crimson fruits, ¾ to 1 inch across, like little 8-ribbed tomatoes. The fruits have a delicate aromatic flavor when eaten fresh, make a jelly that rivals that of the guava, and a delicious salmon-pink sherbet. Gal. tins, \$1.50 each; 5-gal. tins, \$3.50 each.

## The Natal Plum

Its brilliant scarlet fruits, handsome foliage, and fragrant flowers make it one of California's most popular fruiting ornamental plants.

## Rose-Scented Fruit

**Rose-Apple. FS39. (Syzygium jambos.)** 25°. A mass of broad, thick, shining green and bronze foliage, 8 or 10 feet high, luxuriant and handsome. It bears beautiful small, round, creamy white rose-flushed fruit, 1½ to 2 inches in diameter, deliciously rose-scented, which may be eaten fresh or used to make fragrant jelly or candied fruit. A pink mound of this delicious rose-scented jelly will really cause a sensation when you get it on the table. (The clusters of pink and white fruits make beautiful table decorations too.) The fruits, which are borne in clusters, are preceded by large, showy white flowers. Does best in coastal regions or foothill areas protected from the wind, in full sun or part shade. Likes plenty of moisture. Gal. tins, \$1.00 each; 5-gal. tins, \$2.50 each.



# Armstrong Sub-Tropical

## Delicious California Cherimoyas

The Cherimoya is considered by many (including ourselves) to be the most delicious of the sub-tropical fruits. Originally from the highlands of Ecuador and Peru, it is now grown throughout the tropical and semi-tropical climates of the world, and everywhere is highly prized for the delicious flavor and quality of the large, green, heart-shaped fruits, which vary from a few ounces to more than three pounds in weight, with smooth, white flesh of the consistency of ice cream. They ripen in winter when fruits are scarce.

Cherimoya trees are fast growing, hardy down to 25°, and require about the same treatment as a citrus tree. They grow rather quickly to a height of from 12 to 20 feet, come into bearing in about three years, and should be planted about 20 to 25 feet apart. Next to the Avocado, we consider the Cherimoya to be the most important commercial sub-tropical fruit because of the exceptionally fine quality of those big, delicious, creamy fruits which everyone likes. They are easy to pick and handle either for home or market use. Newly discovered methods of hand-pollination insure big crops every year (our salesmen will tell you how to do it).

**All Cherimoyas, strong, balled trees, \$6.00 ea. Deliciosa. FS8.** The most resistant variety to cold and wind, therefore, planted over a wider range. The fruit, though often small, is produced freely and regularly even without hand-pollination. The fruits have curious protuberances which make it difficult to handle for market but do not affect its value as a splendid home fruit. A beautiful tree.

**Booth. FS7.** A big, fine flavored fruit which has proved itself for 12 years in California and has been the most popular of all. From a tree in our growing grounds (now 12 years old) we regularly pick 500 to 600 fruits each year. Next to Deliciosa it is the hardiest.

**Ryerson. FS11.** Big, smooth, uniform fruits of exceptionally good flavor. Most of its fruit ripens late in the winter and early spring when other kinds are gone. Bears heavily.

**Dr. White. FS9.** The newest of the Cherimoya varieties and we think it may be the best. Beautiful fruit with three outstanding qualities. (1) Fewer seeds; (2) an unsurpassed, unforgettable flavor; (3) lots of fruit.

**Annona senegalensis. FS11A.** The fruit of this Cherimoya species is of no value to eat, but its flowers provide a plentiful supply of easy-to-use pollen for hand-pollinating other varieties. One tree will give you all the pollen you need. Hand-pollination is not essential to get fruit on Cherimoyas, but will provide much larger crops.

## The White Sapote

White Sapote is a strong growing evergreen tree, considerably harder than most of the subtropical fruits, and thriving anywhere in California where the Orange tree grows. Trees bear enormous crops of fruit which look like green apples, usually ripening in summer.

The fruit of the Sapote is very easily digested and contains much pepsin. The soft flesh has a rich peach-like flavor, and is delicious to eat any time. The tree of the White Sapote makes a beautiful evergreen shade tree for the home place. Its big, five-fingered leaves are always handsome, and you never have to worry about fruit because it never misses a crop, usually starting to bear three or four years after planting. Hardy down to 20°.

**Large, balled trees, \$6.00 each.**

**Pike. FS36.** A large spreading tree, growing with great vigor and rapidity, producing usually a light crop of fruit in the spring and a heavy crop in the fall. The medium to small fruit is borne in clusters, deliciously flavored.

**Coleman. FS35A.** Big, round, green fruits of surpassing quality. We know of nothing better in good Sapote flavor.

**Suebelle. FS37.** Many Sapote connoisseurs consider this to have the finest quality and flavor of all the Sapotes, and it begins to bear at a slightly earlier age than the others. The fruit is pear-shaped. A large spreading tree.

**Wilson. FS38.** A tall, slender tree with big, luxuriant foliage. It bears heavy crops of large fruit about the size of a big green apple, ripening continuously from August through to late January. A Wilson tree will often bear as many as 1,000 lbs. of fruit in one season—and delicious fruit, too.

## California Olives

Olives will do well almost anywhere in California, thriving with a minimum of care and water. Hardy down to 10°. From northern Sacramento Valley down into Old Mexico, Armstrong Olive Trees are making money for their owners.

Right now Olives are California's best paying orchard crop, and the owner of an Olive orchard is in an extremely fortunate position. Few commercial plantings have been made in recent years and the outlook seems to be good for a long time to come. Pickled olives, both ripe and green, and olive oil made from California olives, are worth almost their weight in gold. And best of all for California, our climate gives this State almost a monopoly on olive production.

### Prices for Bare Root Olive Trees (All trees pruned back to 3 ft.)

	Each	Per 10
1½-5½ in. cal. (3 to 4 ft.)...	\$1.75	\$16.00
5½-¾ in. cal. (4 to 5 ft.)...	2.00	18.50
¾-1 in. cal. (5 to 6 ft.)...	2.50	22.50
1 in. cal. (6 to 8 ft.).....	3.00	27.50

Write for prices on 25 or more trees. Best time to plant, February to June.

### Prices for Balled Olives, Unpruned

For ornamental planting we recommend trees with a ball of earth on the roots, the tops unpruned. 5 to 6 ft. trees, \$3.50 each, \$32.50 per 10. Also large boxed specimens available, \$35.00 to \$75.00.

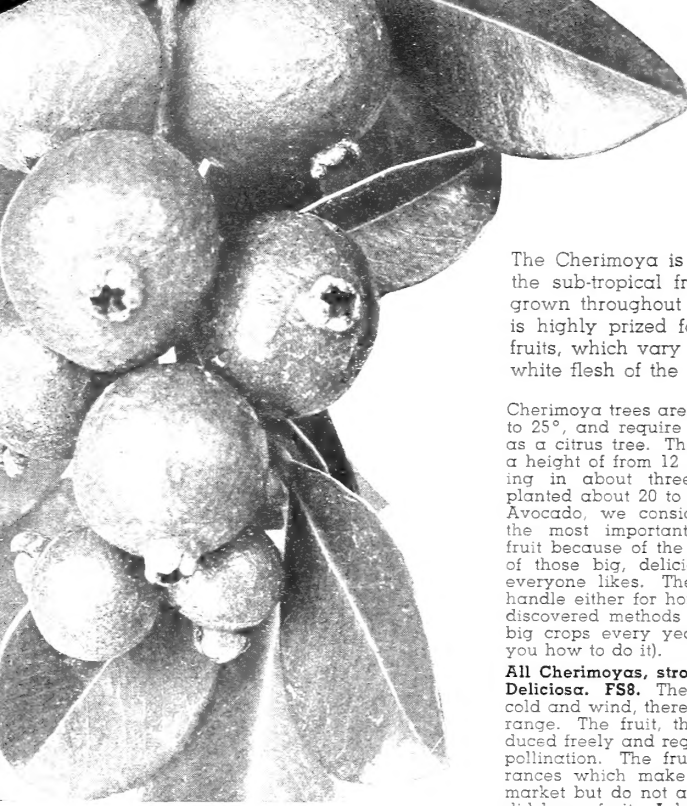
**Shipping Weight's for Olives:** ½-¾ and ¾-1 inch sizes, bare root, 2 lbs. for the first tree, 1 lb. for each added tree; ¾-1 inch size, bare root, first tree 4 lbs., 2 lbs. for each added tree. See page 41 for shipping costs.

## Olive Varieties

**Manzanillo. FS30.** The leading commercial variety for pickled ripe olives and a good kind for oil too. Bears very heavy crops and the rich dark purple fruit is a little larger than Mission.

**Mission. FS31.** Old trees of this variety are still bearing well at some of the Missions where they were planted by the original Spanish Padres. Probably the best oil olive and good for pickles too. It only takes 53 pounds of Mission olives to make a gallon of oil, and the demand for olive oil is enormous now.

**Sevillano. FS32.** The famous "Queen Olive," gigantic in size and exceptional in quality. The trees are hard to propagate, therefore priced at 25c each more than other varieties.



Strawberry Guavas Are Fine to Eat  
Fresh and Famous for Jelly.

## Passion Fruit

**Passion Fruit. FS34. 28°.** It is a splendid ornamental fruiting vine for the home, growing rapidly on fence or pergola. The seed from which our plants are grown are taken from the largest fruiting type and heaviest bearing vines to be found in this State. This is important because inferior strains are sometimes sold. The glistening purple fruits, about the size of a hen's egg, are exceedingly fragrant and may be eaten fresh or used in many table delicacies. Grow your own big, purple, fragrant "Easter eggs" and provide a beautiful mantle of glossy, handsome foliage for pergola, wall, fence or building at the same time. Gal. tins, \$1.00 each.

**Dr. White Cherimoya, California's Most Delicious Sub-Tropical Fruit.** This Armstrong Specimen Won a Blue Ribbon at One of California's Biggest Fruit Shows. It is pictured here two-thirds natural size. New pollination methods make it easy to get large crops on Cherimoya trees every year.





# Fruiting Trees and plants

## Feijoa (Pineapple Guava)

Giant-fruited, grafted varieties of the popular fruiting ornamental shrub, the Feijoa, have long been an Armstrong specialty. A bowl of big, green Armstrong Feijoas will fill your living room with a delightful aroma which lasts for days and is like the fragrance of pineapple, strawberries, bananas and quince all thrown together. The fruit is good to eat too, fine for salads and sherbets.

The plant of the Feijoa is handsome, the leaves glossy green on top, silvery gray underneath, with showy red flowers in spring. Becomes 15 feet high but easily kept lower by pruning. Makes fine big hedge. Fruit ripens in the fall. Hardy down to 5°. Do not confuse ordinary Feijoa seedlings with the large-fruited grafted varieties which we offer. The seedlings usually bear small fruit or may not bear at all. For an ornamental which also bears fruit, it is difficult to beat the Feijoa, especially when it will grow easily and quickly in any California garden no matter what the soil or conditions may be.

All varieties listed: Gal. tins, \$1.50 each; balled, bushy, \$3.50 each.

### Armstrong Grafted Feijoa Varieties

**Choiceana. FS15.** The fruit is the size of a large hen's egg, 3 inches by 2 1/4 inches. This variety is the very finest Feijoa, but Coolidge or Superba must be planted with it to insure cross-pollination.

**Coolidge. FS16.** A long oval fruit, not quite as large as Choiceana or Superba, but which never fails to bear a crop even when planted by itself because the flowers do not need cross-pollination.

**Superba. FS17.** Beautiful, big, round fruits, almost as large as a billiard ball. Must have another variety with it to insure cross-pollination.



### Coolidge Feijoas

M-M-M-M, What a Heavenly Aroma They Have!

## Guavas

For eating fresh and for jelly the Strawberry and Yellow Strawberry Guavas are the finest small fruits that can be grown in California. They all make very handsome ornamental shrubs with their beautiful evergreen foliage, and are splendid for a medium-sized hedge. Ripen September to November.

**Strawberry Guava. FS19.** 5 ft. 20°. Handsome, glossy-leaved medium-sized shrub producing an abundance of luscious deep red fruits about the size of a large strawberry, highly prized for eating when fresh and unequalled for jelly. Hardy and easily grown anywhere in California. For a real treat for all the family, a clump of two or three, planted as ornamental shrubs, will be one of the finest improvements that can be made in any home garden. Gal. tins, 85c each; 5-gal. tins, \$2.50 each.

**Yellow Strawberry Guava. FS20.** 17°. Similar to the above but the yellow fruit is slightly larger and has the finest flavor of all the Guavas. Gal. tins, 85c each; 5-gal. tins, \$2.50 each.

**Lemon Guava. FS18.** 26°. Very large fruits, as big as a pear, but the flavor is a bit strong. Grows rapidly to 6 or 8 feet, has larger, lighter colored leaves and is more tender than the above two varieties. Did you know that Lemon Guavas were the most potent source of Vitamin C among all fruits? Much better than buying pills at a drug store. Gal. tins, \$1.00 each.



Macadamia Nuts  
One-Half Natural Size

## Macadamia (Queensland Nut)

The Macadamia FS26. is an evergreen sub-tropical nut tree from the Eastern coast of Australia, with a dense rounded head of long narrow dark green leaves, and attains a height of 20 to 35 feet. The nuts are about 1 1/4 inches in diameter, round and hard shelled, with a tender white kernel very rich in flavor, and are usually borne in considerable quantity, hanging on the trees like big bunches of grapes. The trees usually begin to bear in 3 to 5 years from time of planting. They are healthy, vigorous and easily grown almost anywhere in Southern California except in the very cold sections. Hardy down to 26°. The Macadamia is a beautiful ornamental tree for shade alone, and when you consider its crop of delicious nuts, it becomes doubly valuable. 5-gal. tins, \$4.50 each.

## Plant Sub-Tropicals Anytime

The black squares under every month in the planting calendar below indicate that you can plant sub-tropical trees either balled, bare root or from gallon tins during any month in the year (spring months are slightly preferable).

Month	J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■	■	■	■	■	■	■	■	■

### Wilson Sapote

Shown here is a young tree, but it's already bearing very heavily. It makes a fine medium-sized shade tree for any Southern California garden. The fruit shown below is from 2 to 4 inches across and ripens continuously over many months.



## The Tropical Mango

**Mango. FS27A.** 30°. That delicious, fragrant and most famous of all tropical fruits, the Mango, grows and bears well in the frostless coastal and foothill regions of Southern California. Trees must be kept well mulched and given plenty of water. The plants that we offer are selected seedlings which are quite uniform in the type of fruit borne. We have found that they bear quite young, some of them having already fruited in the containers. We pick delicious fruits every year from similar seedling trees grown within 10 miles of Ontario. Plants in 5-gal. tins, \$6.00 each.

## Bolser Carob

**Bolser Carob. FS4.** The Carob tree, while planted widely as an ornamental in Southern California, varies in the quantity and type of pod which it bears. These long, dark brown pods contain a sweet pulp, 60% sugar, one of the finest sources of stock food in existence. The locusts which St. John the Baptist ate in the wilderness were Carob pods, and the tree is sometimes called St. John's Bread. Bolser has been selected as a Carob bearing the largest quantity of pods with the highest percentage of sugar, and, in addition, it is one of the most beautiful and vigorous shade trees that you can imagine. Budded trees, gal. tins, \$2.00 each; 5-gal. tins, \$5.00 each.

Avocados are an Armstrong sub-tropical fruit specialty. See them on pages 21 and 22. Always include both name and code number of each item on your order sheet.





# Armstrong Prolific

## You Need This Information

All of the deciduous fruit and nut trees listed on pages 9, 10, 11, 12, 13, 14, 15, 16 can be planted only during the months indicated below by a black square.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	■	■	■	■	■	■	■

**When to Plant.** Deciduous trees (those listed on pages 9 to 14) should be transplanted during their dormant season, January, February and March. They are safely transplanted without dirt round the roots (the best method) only during this dormant season.

**Planting Instructions.** Our planting instructions are sent with each order and should be read before unpacking the trees. They have been carefully prepared on the basis of our many years of experience and contain helpful hints. Use tree protectors or tree white to avoid danger of sunburn. (See page 38.)

**Pruning.** All trees should be pruned back severely before planting. On small orders we do this for you unless you request otherwise. The trees grow much more rapidly and there is much less danger of loss in transplanting if the trees are pruned back severely. It is risky not to prune them.

**Quantity Prices.** Ten of one variety (for example, 10 Delicious Apples, 10 Babcock Peaches) sold at the 10-rate. We can supply certain varieties in quantities of 10 or more at lower rates. Please write for quotations.

**Distance Apart to Plant.** See the table on page 38.

**Shipping Weights.** See shipping costs on page 41. Allow for Apples, 5 lbs. for first tree, 3 lbs. for each additional tree; for Peaches, Apricots, Plums, Almonds allow 3 lbs. for first tree, 1½ lbs. for each additional tree.



The New Valmore Apple

## Crisp, Juicy Apples—Fine for Shade Too

### Select Varieties Carefully

It is very important that you pick the right Apple variety for your locality. Yellow Delicious, Winter Banana, Yellow Bellflower, White Pearmain, Rhode Island Greening, Red Astrachan and the new Valmore all do excellently in the lower altitudes of Southern California. The late red Apples should be planted in the foothills and mountains, where it gets cold during the winter, to get satisfactory results.

Valmore, Winter Banana and Yellow Delicious are three Apples we particularly advise each home planter to find room for if possible. Remember that Apple trees are excellent ornamental shade and flowering trees too.

#### Prices On Apples

(Except Valmore, Yellow Delicious and Transcendent Crab)

Strong trees, \$1.35 each, \$12.00 per 10. Ten of one variety sold at the 10-rate.

Shipping Weight on Apples: 5 lbs for first tree, 3 lbs. for each additional tree.

#### Listed in Approximate Order of Ripening

**Red Astrachan. FD9.** Nearly covered with large crimson stripes; juicy, crisp, and rich in flavor. A heavy bearer, it has been Southern California's most dependable early summer Apple and a popular Apple everywhere for many years. July.

### Southern California's Finest Red Apple

**Valmore. FD12.** This beautiful, new summer ripening apple is a splendid addition to those varieties which thrive under Southern California conditions, ranks right along with Winter Banana and White Pearmain in its consistent bearing qualities in this area. It bears heavy crops in San Joaquin Valley too. The big, round fruits of Valmore are magnificently colored, in fact, we have never seen a finer looking apple than these bright red fruit's, with their underlying golden yellow color, often striped and blotched with scarlet and yellow on one cheek. Valmore is deliciously flavored, sweet and juicy, making delicious apple sauce and apple pie. Since there are few red-cheeked apples that we can definitely recommend for the lower altitudes of Southern California, we suggest including it with every home planting. Plant Pat. No. 238. \$1.60 each, \$14.50 per 10.

### Melba—A New One

**Melba. FD8A.** A delicious new early Apple beautifully pink splashed over yellow, crisp, with a sprightly but not too tart flavor. We are not sure of its bearing qualities in the valleys of Southern California, but in the higher altitudes along the central and northern coast of California and in any other good apple country, it is a most successful, delicious home apple. August.

**Red Gravenstein. FD9A.** The new Red Gravenstein is all red stripes and far more colorful than the old favorite. The large round fruits are of the same high quality. The earliest commercial apple and a seacoast favorite. August.

**Winter Banana. FD14.** The large, clear wax yellow apples with their delicate pink blush are beautiful in a bowl of mixed fruit. Whether you reach for one to eat fresh, to put in a pie or bake, you will be impressed by the unusual flavor. The taste is what the enticing aroma promises it will be. Dependable in all districts, including the coast. You will get a crop every year. August.

### Famous Yellow Delicious

**Yellow Delicious. FD15A.** For eating out of hand we cannot recommend a finer apple. When you bite through the golden yellow skin deep into the crisp sweet flesh you quickly discover that in Southern California apples can be grown which are tops in flavor. Much juicier than the average Red Delicious apple, you will be impressed with the character of the flavor—sweet but full of apple tang. Yellow Delicious starts to bear young and can be relied upon to produce heavy crops in areas not considered apple country. September. \$1.60 each; \$14.50 per 10.

**Rhode Island Greening. FD10.** The favorite green apple of the entire country. Large, round, yellowish-green, with juicy mellow flesh. For cooking purposes it is unexcelled. Oct.

**Jonathan. FD8.** One of the best apples grown. Brilliant red striped with carmine, almost round, with crisp white flesh. Only to be grown in good apple sections. October.

To avoid errors in filling your order, please include on your order sheet both the name of the item and the code number following the name.

### For Late Apples

**Yellow Bellflower. FD16.** A standard market variety of California, best in the coast valleys. Oblong fruits with a pale yellow waxy skin, beautifully blushed on one cheek. Oct.

**Delicious. FD7.** Everyone knows Delicious, a magnificent variety of fine appearance and delightful flavor; large, conical, brilliant red slightly splashed with yellow; flesh fine grained, crisp, and juicy. November.

**White Pearmain. FD15.** An oblong greenish-yellow apple, medium to large, juicy and mildly flavored. It bears well and has long been a standard variety, particularly for cooking. A good keeper. November.

**Winesap. FD13.** A standard late red apple round, beautifully colored, and of splendid quality, but in Southern California suitable only for the higher altitudes. December.

### Flowers and Crab Apples

**Transcendent Crab Apple. FD11.** We are not sure but that for most of Southern California this is the finest Apple tree that you can plant on the home grounds. First of all, of course, it produces enormous crops of beautifully medium-sized yellow fruits, handsomely striped with red, which make the finest kind of jelly, preserves and spiced pickles. It bears so heavily because it is the most resistant to delayed foliage of all Apple trees when in bloom in the spring, and you'll find the blossoms very fine for cut sprays. Third it has very handsome dense foliage and makes a very nice looking small summer shade tree. August. \$1.60 each, \$14.50 per 10.

### Now Three Display Yards

All genuine Armstrong products can now be obtained not only at our Ontario Display Yard but at our Branch in North Hollywood, corner of Magnolia Boulevard and Coldwater Canyon Avenue, and our newest Branch in Culver City on Sepulveda Boulevard, four blocks below Culver Boulevard. If you find it difficult to visit our yards send your order in by mail. We will get the plants safely to you by the best available transportation, whether it be mail, express, freight, or our own trucks.

# Deciduous Fruit Trees

## Armstrong Peach Calendar

Peaches can be enjoyed every summer over a long season from early to late if you carefully select your varieties.

See prices below each variety. All Peaches listed in order of ripening, and all are freestone unless otherwise stated.

### The New Robin

**Robin. FD62A.** A glorious new early peach from the Armstrong Research Department, ripening weeks before any other good early peach. A beautiful red-cheeked, white-fleshed, medium sized fruit, semi-freestone, so handsome that it will make your mouth water to look at it. A better balanced flavor than Babcock, firm, easily handled, and, best of all, it ripens a very heavy crop every year no matter where you plant it in Southern California. Robin trees available this year for planting only in San Bernardino County, San Diego County, Western Riverside County (including Yucaipa), and Eastern Los Angeles County. Early June. Plant Pat. No. 529. \$1.75 each, \$16.00 per 10.

**Australian Saucer. FD48A.** This little early white-skinned, white-fleshed Peach gets its name from its peculiar flat shape; exceedingly sweet, juicy, and delicious. It ripens a large crop always, and is very satisfactory for warm winter climates. June. \$1.25 each, \$11.00 per 10.

### So. Calif.'s Favorite

**Babcock. FD49.** Unquestionably Babcock is now Southern California's most popular peach for both home plantings and market orchards. Juicy, richly flavored Babcock peaches are in greater demand than any other peach ripe in July. For seven years Babcocks have brought the highest price in the Los Angeles market in their season. Picked, the fruit stays firm and attractive for many days, and on the tree ripens over a considerable period. Trees often bear the first season after planting and grow large with amazing speed. The beautiful red-cheeked fruit is fuzzless. The small, freestone pit is surrounded by juicy, sweet, white flesh. Early July. \$1.25 each, \$11.00 per 10.

**C. O. Smith. FD50.** It will never fail to provide a large crop of beautiful peaches every year in the mild wintered sections of the southwest. Too soft to be a commercial variety, it is larger than Babcock and is a wonderful Peach for home use. Its richly flavored, juicy white flesh is delicious indeed. \$1.25 each, \$11.00 per 10.

### Handsome Redwing

**Redwing. FD61A.** Several intensive years of research in our Plant Hybridization Department have given us a new heavy bearing peach, larger than Babcock, more beautiful, and with better quality, but ripening at about the same time. We consider it an improved Babcock in every way. The delicious white flesh has a blush-pink color when fully mature. The fruit is firm, and the good sized fruit is heavily splashed with rich red. (See front cover.) Plant Pat. pending. \$1.75 each, \$16.00 per 10.

### Early Elberta

**Early Elberta. FD52.** This new early ripening Peach is becoming much more important commercially all over California than its later ripening namesake, Elberta, and both for home and market we can recommend it highly. The medium size fruit is almost round, yellowish, with a rich red cheek and a beautiful orange-pink cast to the skin. The flesh is of excellent quality, almost clear yellow, very firm so that it makes an excellent shipping peach. Resistant to delayed foliation, and produces a crop every year in Southern California. Middle July. \$1.25 each, \$11.00 per 10.

**Weldon. FD63B.** Originated by and named after George P. Weldon, of Chaffey Junior College of Ontario, who was also responsible for demonstrating the value of the Babcock. A handsome big peach, yellow-skinned with a bright red cheek. The flesh is yellow, juicy and sweet. Too soft for commercial planting, but a splendid new home yellow freestone that will give a big crop every year. Late July. \$1.75 each, \$16.00 per 10.

**J. H. Hale. FD57.** This long-famous and popular variety has stayed at the top because of its exceptional appearance. Big, round fruits, with beautiful yellow skin, richly marked with deep red and carmine, except in mild winters the variety bears excellent crops in Southern California and elsewhere bears them every year. The new Golden Blush is much better eating in most of Southern California. Early August. \$1.25 each, \$11.00 per 10.



Golden Blush, Best Mid-August Freestone

### Red-Cheeked Hermosa

**Hermosa. FD56A.** Another one of those new Southern California peaches that are going to shove the old ones into the background. A beautiful big white-fleshed, pink-cheeked fruit originated by Dr. Lesley, of the University of California. Enormous in size, it bears extraordinarily heavy crops. Probably too tender for shipping, it is a splendid home peach, and one of the finest to look at and bite into that you ever saw. Early August. \$1.75 each, \$16.00 per 10.

**Early Crawford. FD51.** Very large, round fruits, colored rich red and golden yellow; marbled yellow flesh rayed with red at the pit. It has a rich flavor, pleasant aroma and abundant juice. Late July. \$1.25 each, \$11.00 per 10.

**Elberta. FD54.** Has been for many years, and still is, one of the finest Peaches. The name Elberta is almost as well known as the Peach itself. Good sized, oval, yellow fruits with red cheeks, juicy and well flavored. Early August. \$1.25 each, \$11.00 per 10.

### Outstanding Yellow Peach

**Golden Blush. FD56.** The beautiful big fruits, slightly more elongated than round, are beautifully blushed with red, and in flavor and juiciness far exceed the better known J. H. Hale or Elberta. Time after time when mild winters cause the older better known kinds to set a poor crop of fruit, Golden Blush is heavily loaded. Its exceptionally fine quality, appearance and free bearing habit lead us to recommend it not only as a splendid home peach but a fine commercial variety as well. Middle August. Plant Pat. No. 473. \$1.35 each, \$12.00 per 10.

Delicious Babcock Peaches, now the leading home and market peach of Southern California, brings highest prices.





These Two Contrasting Peach Trees Illustrate the Reason Why Varieties Such as Babcock, C. O. Smith and Golden Blush Are Being Planted in Southern California. Read the Caption Below This Picture Carefully.

Both of These Trees Were Planted at the Same Time. The tree on the left is a Babcock; that on the right is a J. H. Hale. They were both planted in the same orchard in February, following a mild winter, and the photograph was taken in July of the same year. The Babcock tree was not injured by the mild winter and has made an enormous growth. J. H. Hale, being susceptible to delayed foliation following a mild winter, did not leaf out normally and almost a year's growth was lost. The same thing happens to mature trees, causing a loss of the crop on J. H. Hale and similar varieties but not affecting Babcock, Early Elberta, C. O. Smith, Weldon, Redwing, Hermosa, Golden Blush, Sunglow and Fontana.

## Delicious Apricots

Apricots ripen early in the summer before most other fruits are ready, and to enjoy their mellow golden goodness to the full, you almost have to pick them right from your own tree, fully ripened in the sun. Boy! they're really good then to eat fresh, and there is nothing finer for home jams and preserves either alone or mixed with other fruits. Apricots make perfect small backyard shade trees. For this purpose prune the lower branches off as the tree grows.

Price on all Apricots, except Earligold: \$1.25 each, \$11.00 per 10. Ten trees of one variety sold at the 10-rate.

**Earligold. FD16B.** The earliest fruits always taste the best, and Earligold beats all other Apricots by many days, and it beats them all in the quantity of fruit that it carries because it is resistant to delayed foliation and ripens a big crop every year in Southern California, which is more than you can say for other kinds. The fruit is medium sized, rich golden apricot color, and the flesh is sweet, juicy and melting. Earligold is an Armstrong origination. If you want to eat apricots before they are on the market, and good ones, plant Earligold. \$1.50 ea., \$14.00 per 10.

## The Favorite Apricot

**Royal. FD19.** The leading Apricot for commercial planting and for the home. Medium size; skin orange yellow, often with a red cheek; flesh deep orange, rich and sweet. A very heavy bearer. If planting but one Apricot tree, we recommend Royal as being the variety to choose, for it will prove most satisfactory in all sections, from coast to inland valleys, and aside from Earligold, it is the variety most certain to produce a good crop for you every year. Early June.

**Moorpark. FD18.** If you want the finest flavored and best quality apricot to eat, this is it. The large, round, deep apricot fruits, blushed on the sunny side, are unbelievably delicious. A shy bearer in the interior districts but exceptionally fine on the coast. Early July.

**Tilton. FD20.** One of the largest and most beautiful of all Apricots, heart-shaped, with a beautiful, deep rich apricot color. The fruit is very richly flavored, sweet and juicy. A shy bearer in coastal regions but particularly fine in the interior valleys, and the very latest apricot to ripen. Early July.

## Unique Espalier Fruit Trees

Espalier Fruit Trees, those unique and interesting trees which are trained to have two flat sides, lend an unusual and beautiful note to any home planting when placed against walls, fences or in patios. They produce quantities of excellent fruit, often larger and more highly colored than that grown on ordinary trees. We have Apples, Figs and Dwarf Pears in well trained specimens for \$10.00 each. Grapes, 6 to 7 foot standards, \$7.50 each.

# Peach and Apricot Trees

## Smack Your Lips on Sunglow Peach

**Sunglow. FD63A.** This delicious yellow freestone will make you smack your lips in earnest because it is probably the best yellow peach ripening in its season. Beautiful golden yellow outside with a delicate red blush and clear deep yellow inside. It is extraordinarily rich in flavor, as well as being juicy and firm. Another creation from Dr. Lesley, of the University of California. Only now available for planting. \$1.75 each, \$16.00 per 10.

**Rio Oso Gem. FD62.** This splendid Peach is just as fine in appearance as the famous J. H. Hale, but ripens two weeks later and is much superior in quality to that variety. The fruit is very large, round, and brilliant dark crimson in color shading out to orange-red. The flesh is yellow, firm, and richly flavored. The first choice for profitable planting now in the Yucalpa-Beaumont district. Late August. Plant Pat. No. 84. \$1.35 each, \$12.00 per 10.

**Krummel. FD58.** One of the latest freestone Peaches and a good market variety. Fruit large, lemon yellow, lightly blushed with carmine; flesh yellow, red at the pit. Now the best of the late summer freestones for any purpose. Late September. \$1.25 each, \$11.00 per 10.

**Millers Late. FD60.** This late variety has absolutely no competition in its season. A fine large, yellow freestone of excellent quality, and a heavy bearer. With this variety you'll have fine Peaches almost up to Thanksgiving. October-November. \$1.25 each, \$11.00 per 10.

## Canning Peaches

**Peaks Cling. FD61.** Fruit is large, uniform and round; skin clear golden yellow; flesh firm, sweet and deep yellow right to the small pit. A very heavy bearer. Ripens one week before Sims. Middle August. \$1.25 each, \$11.00 per 10.

**Sims Cling. FD63.** Sims Cling is the leading commercial canning cling of Southern California because it bears more consistently there than any other cling and is of very fine quality. Fruit larger than average, golden yellow outside and in; flesh clear yellow to the pit. For home or commercial planting, there is no finer Cling. Late August. \$1.25 each, \$11.00 per 10.

**White Heath Cling. FD64.** Creamy white, blush on sunny side; flesh white, tender, juicy and delicious. A fine late white Cling for home use, and there is nothing more beautiful nor more delicious than home canned white peaches. September. \$1.25 each, \$11.00 per 10.

**Fontana Cling. FD55.** Mr. George P. Weldon, of Chaffey Junior College, who introduced Babcock to Southern California, is very proud of his new Cling Peach, Fontana, and we agree with him that it is a big step forward in clingstones for this section. Slightly smaller than Sims, they are a better shape, more uniform in size, a rich deep orange-yellow inside, and unquestionably bear much heavier crops, never missing. \$1.25 each, \$11.00 per 10.

Royal—the Finest of All Apricots



# Armstrong Nut Trees

## Walnuts

Walnuts grow vigorously and bear heavily everywhere in California except in the high mountains and the desert areas. They make a wonderful shade tree for the home, but give them plenty of room.

**Price on all varieties, large trees: \$3.00 each, \$27.50 per 10.**

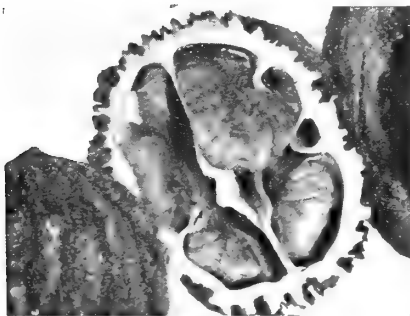
**Average shipping weight for Walnuts, 6 lbs. for first tree, 3 lbs. for each added tree. See shipping weights on page 41.**

**Placencia. FD104.** The Placencia is the most popular and profitable Walnut in Southern California. The nuts are roundish oval, smooth, with a thin strong shell, of the most desirable medium size. Exceptionally large crops.

**Eureka. FD101.** Ranks second to Placencia as a commercial nut. Very large, elongated nuts, heavy and well sealed; cream colored, plump, waxy kernels. A better quality nut than Placencia but does not bear as young nor so heavily. Hardier than Placencia.

**Payne. FD103.** A very popular commercial Walnut in the central valleys of California because of the extremely early and heavy crops borne by the young trees and because of its hardness. Exceptionally high quality.

**Franquette. FD102.** Owing to its lateness in blooming, its hardness and dense foliage, this variety is favored in colder sections. The nut is large, elongated, smooth, tightly sealed.



Thomas Black Walnut (Note Thin Shell)

## Filberts

Filberts (Hazelnuts) make large bushes and thrive in cool moist areas. In regions of hot summers they do not bear well. Two (or better yet three) varieties must be planted together to insure cross-pollination. We have **Barcelona FD39** (the best variety), also **Du Chilly FD40** and **White Aveline FD41**. \$1.50 each.

**Shipping weight on Filberts: 4 lbs. for first tree, 2½ lbs. for each additional tree.**

## Big Plump Brown Chestnuts

The Chestnut does particularly well in California, producing very heavy crops of nuts even while young and making beautiful ornamental shade trees with dense, dark green foliage and symmetrical tops. Heavier crops will be secured by planting two varieties.

**Shipping weight on Chestnut trees: First tree 5 lbs., each added tree 3 lbs.**

**Marron Combale. FD29.** If you want the largest and finest of all Chestnuts and lots of them, this French variety will be your choice. Great handsome mahogany-brown nuts of the highest quality produced in enormous quantities on a very large and magnificent tree. The nuts are excellent for roasting. \$3.50 each, \$32.50 per 10.

**Marron Quercy. FD30.** A splendid Chestnut with fine big dark colored nuts, borne in enormous quantities even while the tree is very young. It is a smaller tree than Marron Combale and more adapted to locations where the space is limited. We picked 50 nuts from a one-year-old tree. \$3.50 each, \$32.50 per 10.

**Colossal. FD28A.** The biggest nut of all, very sweet and of excellent quality. The tree makes a beautiful rounded head with handsome big foliage. \$3.50 each.

**Chinese Chestnut. FD28.** The above two kinds are budded varieties. These Chinese Chestnuts (seedlings) make beautiful big round-headed spreading trees, and while the nuts vary slightly in size and quality, they are characteristically much sweeter than European Chestnuts. The nuts shell out with the greatest of ease. \$2.75 each, \$25.00 per 10.

## Almonds

Almonds are one of spring's most beautiful flowering fruit trees. To get plenty of nuts, you have only to plant the right combinations to enable successful pollination to take place. One Almond tree will rarely bear alone. Good combinations are Nonpareil and Drake, Jordanolo and Ne Plus Ultra or I.X.L.

**Price on all varieties, strong trees: \$1.25 each, \$11.00 per 10.**

**Shipping weight for Almonds 3 lbs. for first tree, 1½ lbs. for each additional tree. See shipping weights on page 41.**

**Jordanolo. FD3.** A new Almond which we highly recommend for Southern California because of its resistance to delayed foliation and its extremely heavy bearing habit which is in evidence wherever it is planted in California. A very large, vigorous tree, with heavy, dense foliage, bearing abundant crops of large, long, soft-shelled nuts of a superior quality, shelling out easily. Pollinizer, Ne Plus Ultra.

**Drake. FD1.** Bears well and adapts itself to all almond districts. Medium size, almost round, with a medium soft shell, plump and well filled. A good pollinizer for Nonpareil.

**Nonpareil. FD5.** Probably the most valuable commercial Almond for California because it bears uniform heavy crops, does well almost everywhere, and because of its large, smooth, plump kernel and its paper-thin shell. Pollinizer, Drake.

**Ne Plus Ultra. FD4.** Chiefly valuable because of its attractive outside appearance and generally large size. The nuts are large and long with a soft corky shell. Plant with Jordanolo.

## Eastern Black Walnuts

**Thomas. FD106.** No nut has ever surpassed the old Eastern Black Walnut for flavor, but the kernels were very difficult to pick out of those hard shells. This new selected strain of the Black Walnut grows easily into a beautiful big tree in California. The nuts have all the old delicious rich flavor but are comparatively thin-shelled and crack easily. We picked a big crop last summer in our own orchards from young trees. \$4.00 each, \$37.50 per 10.

**Stabler. FD105.** This variety has the largest nut of all the selected strains of Eastern Black Walnut. A medium sized tree with thin-shelled nuts from which the meats are easily removed when cracked. Often starts to bear the second year after planting. \$4.00 each, \$37.50 per 10.

**Shipping Weights**  
See shipping weight of all fruit trees under each heading. See shipping weights on page 41 to determine whether your shipment should go by mail, express or freight and what the shipping cost will be.



Pistachio Nuts as They Look on the Tree

## Pistachio Nuts

The knowledge of most people concerning the Pistachio is that it has a nice green color and imparts a very pleasant flavor to ice cream. It is less generally known that Pistachio Nut trees will thrive in California wherever the fig and olive do well. They are hardy deciduous trees of small size, the nuts appearing in large clusters like a loose bunch of grapes. California and Arizona are the only two states where they have been successfully grown. Those fortunate few planters who have Pistachio trees in bearing now are really cashing in as the nuts sell for a very high figure.

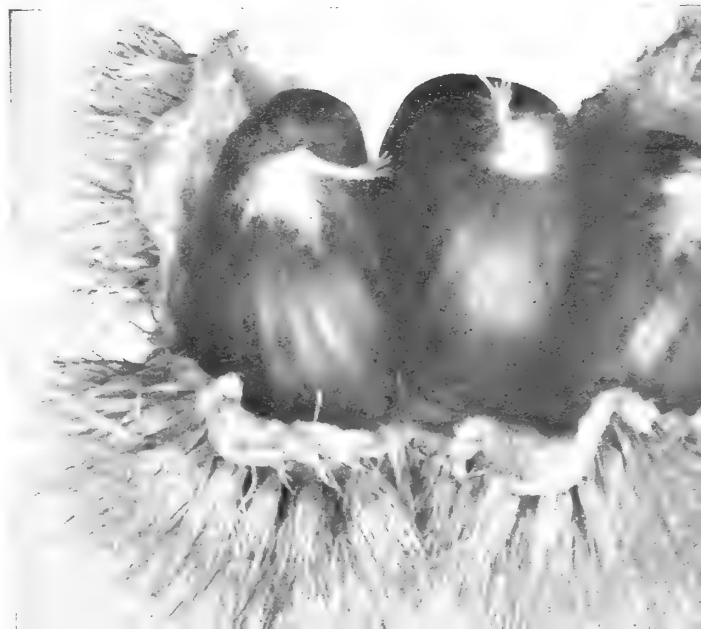
Nuts are borne only on the female trees and at least one male to each 10 trees or less is necessary for pollination. We have two excellent nut bearing varieties, **Aleppo FD96** and **Bronie FD97**, and the pollinizer, **Kaz FD98**. Large balled trees, \$3.75 each, \$35.00 per 10.

**Shipping weight on Pistachios (with ball of earth on roots), 60 lbs. each.**

## Something New in Nuts

**McAllister Hiccan. FD42.** An interesting hybrid of the Pecan and the Hickory. The nuts on this tree are so big that you have to back away a couple of feet to get a good look at them. They are fairly thin-shelled and good quality. Young trees are growing in California and we picked several nuts this year from a 3-year-old tree. Do not expect it to be a heavy bearer, but it will produce nuts here, and you'll be surprised at the beauty of the big, glossy leaves and the enormous vigor of the tree which make it well worthwhile as an ornamental shade tree alone. \$4.50 each.

Big Brown Marron Combale Chestnuts





# Armstrong Pecans

You should investigate Pecans whether you are a prospect for a commercial planting or have just a small home yard. Mahan is the outstanding variety for commercial orchard planting. All of the Pecans make excellent shade trees, and you harvest a delicious, profitable crop each year—profitable whether you consume the crop or sell it to someone else. Most Pecan varieties bear best only in those areas where high summer heat and a long growing season are experienced, however, Nellis, the exception, bears well quite near the coast. Pecans must be well irrigated throughout the dry season.

All of our Pecan trees are pruned back severely (24 to 30 inches) when dug for planting. This is necessary in order to get good results.

## Prices on all varieties except Mahan

	Each	Per 10
1-year, up to 3/4 in. caliper...	\$2.75	\$25.00
2-yr., 3/4 in. caliper and up 4.00		35.00

Write for prices on 50 or more trees.

**Burkett. FD73.** A valuable Pecan for California and Arizona, producing exceptionally heavy crops. The nut is large, round, very thin-shelled, the whole meat coming out very readily. For the hot inland valleys this is the heaviest producer, next to Mahan.

**Caloro. FD74.** The nut is very large, long and tapering and cracks and separates from the shell easily and perfectly. Next to Mahan, this is the most beautiful of the pecan trees that we offer, growing tall and slender with beautiful large, luxuriant, shade-giving foliage. It bears well only in the hot interior valleys where the growing season is long.

## Best for Coast

**Nellis. FD76.** If you live in the coastal counties of California, you'll be safest in planting this variety because from actual experience it produces excellent crops in coastal areas where other varieties are not entirely successful because of the lack of summer heat. The long, thin-shelled nuts shell out easily and are of excellent quality. For 12 straight years Nellis pecans have won First Prize for Pecans at the big L. A. County Fair (not held this year). On both Nellis and Mahan there is never a trace of the bitter corky placenta which sometimes sticks to the nut portion of other pecans. Nellis does well inland too.

Jumbu Persimmon, the "giant" non-puckery kind

## The World's Finest Pecan—Mahan

### Prices on Mahan Trees

	Each	Per 10
1-yr., up to 3/4 in. caliper....	\$4.50	\$42.50
2-yr., 3/4 in. caliper and up..	6.00	55.00

**Mahan. FD75.** The sensation of the Pecan world is the gigantic new Mahan. The nuts of the Mahan are enormous, averaging 2 1/2 inches in length and the paper thin shells cracking almost as easily as a peanut, are completely filled with richly flavored kernels. They average 31 nuts to the pound—an amazing figure.

The Mahan is a strong growing tree bearing at a younger age than most Pecans, and producing heavy crops. In the Yuma Pecan District it has largely superseded other varieties, and while trees in other sections of California are still young and comparatively untried, we have had excellent reports from these young trees from all over the State. Mahan is a magnificent, luxuriantly foliaged, fast growing shade tree for the home, in addition to its amazingly large nuts.

**Mahan is a copyrighted Pecan and is grown for planting in California exclusively by Armstrong Nurseries. Every genuine Mahan tree sold in California carries an Armstrong tag.**

**Success. FD77.** This has been the most widely planted of all Pecans in Southern California and the finest and oldest bearing trees are of this variety. You'll be almost certain of a good crop no matter where you plant this kind, for it is a remarkably sure all-climate pecan. A beautiful big tree too. Nuts large, oblong, with medium thick shell and a fine-flavored kernel.



Mahan Pecan, natural size.

## When to Plant Fruit and Nut Trees

All of the nut and deciduous fruit trees listed on pages 9, 10, 11, 12, 13, 14, 15 and 16, can be planted only during the months of January, February and March, as shown below.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	□	□	□	□	□	□	□	□	□

## Superb Persimmons

Every year in California more people are enjoying in November and December ripe Hachiya Persimmons as a salad fruit, out of hand, or in persimmon pudding. If you like your Persimmons soft to be eaten as a salad fruit, you will probably want to plant the popular Hachiya. If you prefer to eat your Persimmon out of hand, you will want the popular non-astringent Fuyu or the new large fruited Jumbu. Persimmons are quite ornamental trees because the leaves turn bright colors in the fall, and the richly colored orange-red fruits are beautiful either on the tree or as table decorations.

**Price on all varieties of Persimmons: \$2.00 each. \$18.50 per 10.**

**Hachiya. FD79.** This has long been the most commonly planted and best known of the Persimmons. Very large conical fruit of bright orange-red, with sweet, rich, mellow flesh. Astringent until fully ripe and then very fine indeed. A large, well grown Hachiya is one of the most beautiful fruits grown.

**Fuyu. FD78.** This Persimmon is quite different from all other commonly grown varieties in that it is never astringent or puckery. It is quite firm even when fully ripe and may be eaten hard like an apple whenever it is sweet enough. The fruits are large, flattened and are borne in great quantities. The trees bear much younger than most Persimmons and produce great clusters of fruit from the second year on.

## The New Jumbu Persimmon

**Jumbu. FD80.** This new, non-puckery, large fruited Persimmon is somewhat similar to Fuyu in general characteristics, and is absolutely non-astringent, but is much larger slightly more conical in shape, and ripens a few days later. It is the finest and largest non-astringent Persimmon that we have seen. The fruit is good to eat at all stages after it has begun to color, and it is delicious eaten while hard or after it has become soft.

## Pomegranate

**Wonderful Pomegranate. FD95.** One of the most ornamental of all fruit trees with its bright scarlet hibiscus-like flowers and big crimson fall-ripening fruits. Pomegranates grow quickly into a large 8-foot bush and thrive anywhere from the seacoast to the hottest desert valleys, doing best where there is considerable heat. There is no finer center piece for the Thanksgiving or Christmas table than a bowl of big red Pomegranates, and it's fun to eat them too. Wonderful is the largest and most highly colored of all Pomegranate varieties. Very large fruit, rich, bright crimson in color, and the highly colored garnet flesh is very juicy and of excellent flavor. \$1.25 each, \$11.00 per 10.

# Armstrong Plums

Most varieties of Plums will bear heavier crops if certain other varieties are planted nearby as pollinizers. Santa Rosa, Beauty and Wickson all successfully pollinate the blossoms of most varieties, as well as each other, and we advise including some of these in all Plum plantings. Beauty and Santa Rosa bear the heaviest crops everywhere. Mariposa, Inca and Hollywood are the best eating.

**Price on All Plums, except Hollywood, Inca and Mariposa: \$1.35 each, \$12.00 per 10.**

**Price on Hollywood, Inca and Mariposa: \$1.75 each, \$16.00 per 10.**

Listed in approximate order of ripening.

**Beauty. FD81.** Fruit large and beautiful, deep crimson with amber-crimson flesh. A never-failing bearer every place always. Quite resistant to delayed foliation. June.

**Climax. FD83.** One of Luther Burbank's finest introductions. Very large, heart-shaped, with a beautiful deep red and yellow color. Flesh is golden yellow, richly flavored. Late June.

**Santa Rosa. FD91.** Possibly the most widely planted Plum in California, and certainly one of the handsomest. Large oval, purplish-crimson fruit, covered with light blue bloom. Flesh amber, veined with crimson. Splendid for market and home use. Not only is it a good pollinizer to increase the crop on other varieties of Plums, but it is resistant to delayed foliation and will bear a crop every year, no matter where it is planted. Late June.

**Satsuma. FD92.** The well-known Japanese blood Plum, so prized for preserves. Large, almost round, deep red outside and in, firm, juicy, and of fine flavor. Must be planted with other varieties to secure good crops. July.

**Wickson. FD93.** A popular plum for many years. Very large, heart-shaped fruits, straw-yellow in color, blushed with cherry-red; flesh amber, crisp, juicy and luscious. July.

**Red Roca. FD90.** A new Plum which is very similar to the Santa Rosa in appearance, having the same bright colored purplish-red fruit and amber colored flesh, but which ripens fully one month later, long after Santa Rosa is gone. The fruit is firm and crisp, keeping a long time. A splendid home and market Plum. Late July.

**Green Gage. FD85.** An old favorite, with medium sized, oval, greenish-yellow fruits; rich, sweet, and juicy. Suitable only for northern districts or the higher altitudes. Late Aug.

**Kelsey. FD87.** Big, greenish yellow, heart-shaped Plum blushed with red. Flesh yellow, firm and of fine quality. One of the finest of late eating and market Plums. Late Aug.

**Late Satsuma. FD88.** Everybody likes those delicious, sweet, juicy Satsumas with the blood-red flesh, but they are all gone long before September and so is Mariposa, the finest of all blood plums. However, we have discovered a late ripening variety of Satsuma which isn't ready to use until September. It makes delicious eating when other plums are scarce. An exclusive Armstrong introduction.

**Damson. FD84.** Famous old Plum for jam and preserves, producing enormous crops of little oval, purplish-blue fruits with tart, juicy, yellow flesh. September.

**Becky Smith. FD82.** Not only one of the most beautiful Plums grown, but the very latest to ripen, appearing after all the others are gone. Big, round, bright red fruits, with crisp sweet amber flesh, of splendid quality for eating and shipping. Late September.

## Healthful California Prunes

Prunes are merely Plums with a higher percentage of sugar which will dry without removal of the pit. They are handsome in appearance, and most people do not realize how delicious they are when eaten fresh from the tree or canned for the table. Why depend on dried prunes in the summer when you can enjoy fresh ones which are much more delicious. All Prunes bear better if several kinds are interplanted for cross-pollination.

**Price on Prunes: \$1.35 each, \$12.00 per 10.**

**Sugar. FD93C.** Very large, dark purple fruit, the sweetest of all; particularly fine for home planting in Southern California, where the tree is exceedingly productive in all sections. July.

**Standard. FD93B.** The handsomest and largest of all Prunes for home use or as fresh fruit for the market. The big oval fruits are deep purple with a rich blue bloom, and the flesh is amber colored, sweet and juicy. Bears well everywhere but particularly fine in the valley situations of Southern California where other Prunes do not do quite so well. August.

**French Improved. FD93A.** The standard drying variety which has made California Dried Prunes famous. Large oval fruits of deep purple, with sweet sugary flesh, produced in great quantities. September.

We can mail your trees to you. Plums, Peaches, Apricots and Prunes average 3 lbs. for the first tree, 1½ lbs. for each additional tree. See shipping costs on page 41.



**Mariposa Plum.** No plum makes better eating than this big, blood-red beauty. Preserves hold their color and are a rich blood-plum red.

## Hollywood Plum

**Hollywood. FD85A.** It must have been called Hollywood because of the ultra modern job of makeup. Everything about it is colorful from the blood-red, juicy, sweet plums, borne early in the season, to the purple-red foliage and its cloud of lovely light pink flowers in the spring. Like most of the other Hollywood belles, it is beautiful to look at. And that's not all, because the fruit is delicious to eat, reminding us of an enormous sweet black cherry when fully ripe. Late June.

## Inca Gold

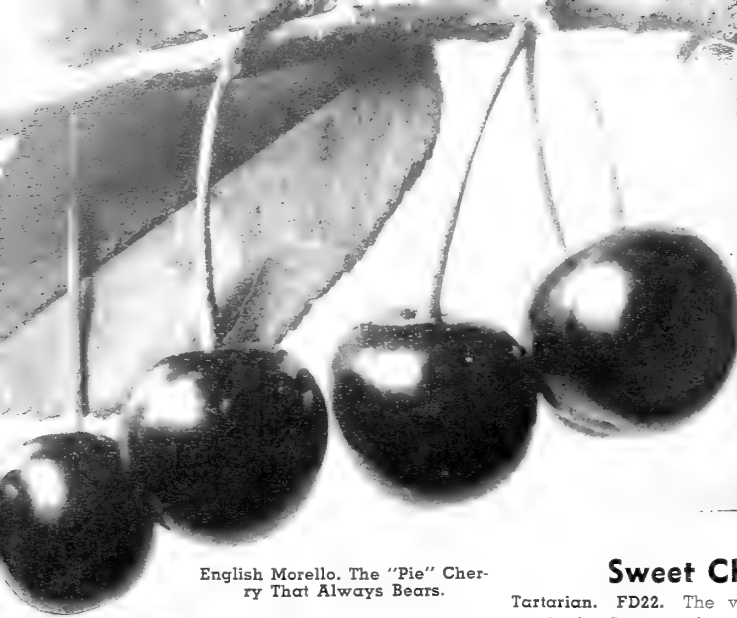
**Inca. FD85B.** The ancient Incas never valued their gold more highly than you will value this fine new yellow plum, beautifully blushed with red. One of the finest yellow eating plums that can be grown. Its firm, sweet, yellow flesh is very juicy and richly flavored, and the tree bears heavy crops every year. Late July.

## Mariposa The New Blood Plum

**Mariposa. FD89.** In our opinion, there is no finer Plum for eating than the big maroon-red fruits of the Mariposa, a new Plum variety which we introduced several seasons ago. The gigantic purple-red fruits are overlaid with a glowing lilac bloom, and the blood-red flesh has a honey-like sweetness, abundant juice and a surpassing flavor which is impossible to describe in words. The skin, while tender in the eating is quite thick and the flesh is firm so that the Plum keeps remarkably well. There is no bitterness to the skin or pit, for this magnificent Plum is sweet and full of flavor all the way through. Mariposa should have a tree of Satsuma, Beauty, Santa Rosa or Inca planted nearby for pollination purposes, for it usually does not bear a large crop if planted alone. Yucaipa-Beaumont Mariposas topped the Los Angeles plum market in price last summer. Plant Pat. No. 111. Late July.



**Standard Prunes** are amber-fleshed, sweet and full of health and flavor.



English Morello. The "Pie" Cherry That Always Bears.

# Armstrong Cherries

The black squares below indicate in what months you can plant deciduous fruit trees. Trees are not available in the other months.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	■	■	■	■	■	■	■

In the coast and valley regions of Southern California the Sweet Cherries do not bear, but they are entirely satisfactory in the rest of the state. The "pie" Cherries, Morello and Richmond, will bear large crops any place, and while a little tart to eat fresh, they are splendid for pies and preserves.

## Prices on Cherries

Strong trees, \$1.35 each, \$12.00 per 10. Ten trees of one variety sold at the 10-rate.

Shipping weight on Cherries: 3 lbs. for first tree, 1½ lbs. for each added tree.

Several varieties of sweet Cherries should be planted together for cross-pollination. However, the "pie" Cherries Morello and Richmond will bear alone and give you big crops anywhere.

## Chinese Jujubes

The Jujube is a small deciduous tree which bears, often the first year after planting, great quantities of small dark brown fruits which are sweet and crisp, when eaten fresh, which makes an excellent jam when cooked, but are most often used as delicious candied fruits. The tree grows anywhere with ease but bears best in the warmer interior valleys. Hardy and will stand zero temperatures without injury. Fruit ripens September and October. Seedling Jujubes bear very small worthless fruit, but these are giant-fruited, selected types grafted from parent trees selected from thousands by the U. S. Department of Agriculture. As far as we know, we are the only ones in the country growing them.

And if you want a small shade tree, which will stay small, a tree which is leafless in winter, the Jujube may fill the bill. It looks something like a small handsome willow tree.

Price on both varieties of Jujubes: Strong trees, \$2.00 each.

Shipping weight on Jujubes: 2 lbs. for first tree, 1½ lbs. for each added tree.

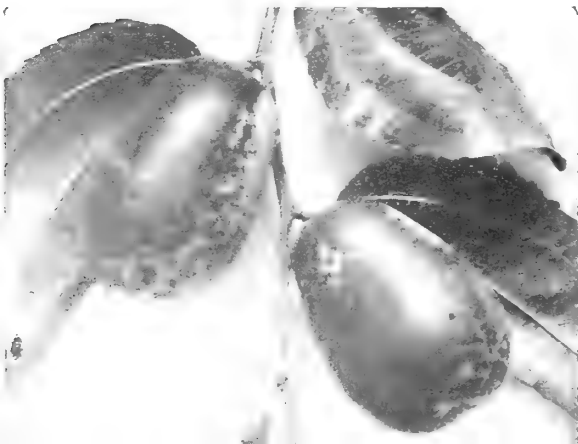
**Lang. FD43.** Large, pear-shaped fruit, 1½ to 2 inches long, shown in photograph below. Produces a great abundance of fruit and often bears the first year after planting.

**Li. FD44.** This variety has the largest fruit of all, often 2 inches in diameter, round in shape. Has a very small pit and is deliciously sweet and crisp.

## Shipping Information

See page 41 for shipping rates and data. In much of Southern California we deliver by truck; elsewhere we ship by mail, express or freight. See page 41 to determine the best method for your shipment.

Fruit of Lang Jujube, Reduced One-fourth.



## Sweet Cherries

**Tartarian. FD22.** The very finest cherry to eat fresh. Sweet, rich, and juicy, with a rich, tempting, purplish-black color. The robust erect trees are heavy bearers. A good pollinizer for Bing and other sweet cherries. Early June.

**Bing. FD21.** A very large, dark red sweet cherry of extremely handsome appearance, and since it has the firmest flesh of all cherries, it is splendid for canning and shipping. Plant Tartarian with it as a pollinizer. June.

**Royal Ann. FD26.** A magnificent cherry of the largest size; pale yellow with bright red cheek; flesh firm and sweet; tree an enormous bearer. The leading commercial canning cherry. Late June.

## Armstrong Nectarines—"Fruit of the Gods"

The tree of the Nectarine looks like a Peach tree, but the fruits are smooth-skinned and the rich, aromatic flesh has a flavor and character all its own. The name means "the fruits of the Gods," and the Gods surely did know their fruits.

### Price on Nectarines

Strong trees \$1.25 each, \$11.00 per 10. Ten trees of one variety sold at the 10-rate.

Shipping weight on Nectarines: 3 lbs. for the first tree, 1½ lbs. for each additional tree.

## Hooray for Dixie

**Dixie. FD46.** Plant this variety if you want to be sure of getting lots of fruit on your nectarine tree every year no matter where you plant it. That's because it's the most resistant to delayed foliation of any nectarine that we grow. It's the first one to ripen too, and the first ones always taste the best. Medium sized, light greenish yellow fruits, mottled with red, white-fleshed, firm, sweet, just that delicious aromatic flavor you expect to find in a good nectarine. July.

## Quince Trees

The Quince is a splendid fruit for preserves, the flesh becoming a beautiful dark red when cooked. The trees thrive and bear well almost anywhere. No fruit has a more delightful fragrance when picked from the tree.

Price on both varieties of Quince: \$1.60 each, \$14.50 per 10.

Shipping weight on Quinces: 3 lbs. each.

**Pineapple. FD99.** One of Luther Burbank's originations, with a round, short-necked, golden-yellow fruit. The flavor and aroma are suggestive of the pineapple. Oct.

**Smyrna. FD100.** Extremely large fruits, delightfully fragrant when fresh and delicious when cooked. Bears enormous crops. October.

Always include both name and code number of the variety on your order sheet.

**Gold Mine. FD47.** These great red and yellow fruits, with juicy white flesh, exceptional in flavor and quality, are among the most beautiful of all Nectarines. Also this variety is more resistant to delayed foliation than any other kind except Dixie, and it is much larger than that variety. These two are the best bearers in Southern California. Early Aug.

**Stanwick. FD48.** For many years has been California's leading Nectarine. Extremely large fruit, the skin pale green, shaded purplish red; the flesh white and juicy, with a most delicate aromatic flavor. Early August.

**Boston. FD45.** Immense bright yellow fruit, with a red cheek and rich yellow flesh. The yellow fleshed Nectarines while not quite so spicy and piquant as the white fleshed varieties have a sweeter and richer flavor which many people prefer. Late August.

Gold Mine Nectarine





# Armstrong Figs

California is one of the few parts of the world in which Figs attain the utmost perfection, and in the late summer and fall there is no fruit which is more enjoyed fresh, whether eaten out of hand, sliced with cream and sugar, or in jam. Figs should be thoroughly irrigated at least once each month during the summer and even oftener during hot weather. See pruning suggestions under each variety.

**Note:** We recommend pruning Fig trees back severely when you plant them. You'll get far better and quicker results. Take off at least one-half of the top.

## Prices on Figs

2-year trees.....\$2.00 each, \$18.50 per 10  
1-year trees.....1.35 each, 12.00 per 10  
Trojano, 1-year trees only.....\$2.00 each  
Shipping Weight on Figs: 2-year trees 5 lbs. each, each additional tree 3 lbs.; 1-year trees, first tree 3 lbs., each additional tree 1½ lbs.

**Brown Turkey. FD32.** We consider Brown Turkey to be just about the finest Fig for general use in California. The fruits are very large and long, a rich purplish-brown in color, becoming deeper purple as they mature, with rich strawberry-red flesh, fine grained, sweet and juicy. It seems to bear equally well, whether it be directly on the coast or in the interior or desert valleys. Larger and finer Figs will be produced if the trees are heavily pruned back in the winter.

**Brunswick. FD33.** This medium sized, light brown, short-necked Fig is known as Magnolia in Texas. The fine-grained, sweet, brownish-amber flesh is delicious. The tree is smaller than many other varieties and will stand more cold than any other Fig that we grow. Given a sheltered location, it will grow and bear in Oregon, Washington, New Jersey, Long Island and similar areas. Leave unpruned in California.

## Sweet as Honey

**Trojano. FD36.** Our mouths still water when we think of the rich nutty full flavor of these delicious figs which we ate last summer. It's a medium sized, coppery black fig, very rare in California. It's the nearest thing to a black Kadota, with sweet, amber flesh, almost no seeds to get under your plates, and the fruits are self-sealed with a drop of honey to keep out insects. Bears enormous crops, and that rich, tender, sweet flesh is something to entice about. Trojano and Kadota are so sweet that you need little sugar in making jams, which is something in these days of sugar rationing. 1-year trees only, \$2.00 each.

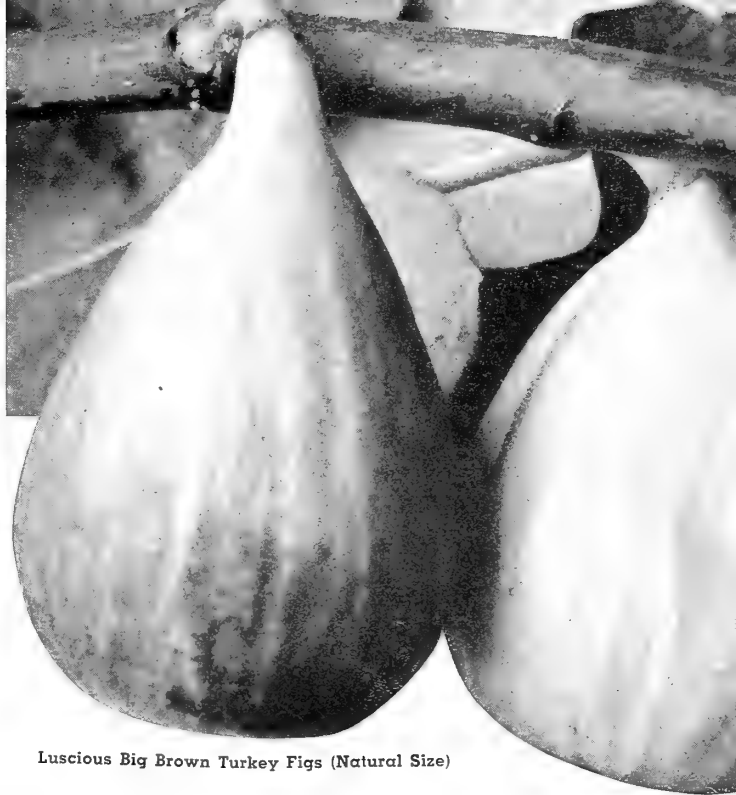
**Kadota. FD34.** This is the finest white Fig for most of California and one of the finest Figs for all purposes, since it will can, dry, pickle or ship fresh and give excellent results in every case. Many people prefer it to any other fig for eating fresh. Of medium size, with waxy, smooth, yellow-white skin and pale amber flesh. Extremely sweet and rich, making just about the best fig jam ever tasted. Bears extremely heavy crops all through the summer and fall. It does best in the interior valley where the summers are warmer. Do not prune Kadota trees back heavily in the winter, for heavy pruning decreases quantity without increasing the size.

## Mission Fig

**Mission. FD35.** The well-known California Black Fig brought to California by the Mission Fathers. The fruit is medium to large, with a long neck, mahogany-violet in color, with brownish-red flesh. Thrives in all sections, coast to desert, and the tree is enormously productive even under adverse conditions where little water is available. Leave tree unpruned.

**White Adriatic. FD37.** Very large, elongated, yellowish-green fruit with a short neck; flesh a bright strawberry-red, somewhat coarse but of excellent quality. One of the very finest of white Figs. Heavy pruning will increase size of fruit, decrease quantity. 2 yr. only.

**White Genoa. FD38.** If you live near the seacoast and want a big fine white fig, this is the one for you to plant because it is one of the few white figs that bear well under such conditions. Large, pear-shaped, with a waxy yellow skin and sweet amber pulp, similar to Kadota but much larger. Fine inland, too. Prune like Adriatic.



Luscious Big Brown Turkey Figs (Natural Size)

## Armstrong Pear Trees—Standard and Dwarf

Winter Bartlett and the new Large Fruited Winter Nelis are the surest bearers among the standard kinds for Southern California. All Pears bear well in the higher altitudes.

**Price on Pears, except Large Fruited Winter Nelis, \$1.35 each, \$12.00 per 10. Ten trees of one variety sold at the 10-rate.**

**Shipping weight on Pears: 3 lbs. for first tree, 1½ lbs. for each added tree.**

**Bartlett. FD65.** The most widely cultivated Pear in California, large, buttery and melting, with rich flavor; tree a vigorous grower, bears abundantly. Bartlett has every quality needed for a perfect home and market Pear. Bears better if Beurre d'Anjou or Winter Nelis is planted with it. August.

**Seckel. FD68.** Fruit small, but well colored, and there is no other variety which possesses such exquisitely flavored fragrant juicy flesh, even the skin being spicy. The little russeted beauties are just about the most delicious pears that we have ever tasted. September.

**Beurre d'Anjou. FD66.** Large, yellow, marked with russet and crimson. Tender, sweet and juicy. An excellent pollinizer for Bartlett. October.

**Large Fruited Winter Nelis. FD67.** The old Winter Nelis was one of the finest late fall ripening pears for Southern California (or anywhere else). This new one was discovered not long ago in Washington. We have tested it in Southern California and have found that it bears heavy crops of very fine, beautiful big pears, russeted, with a ruddy pink cheek and a most delectable, rich, aromatic flavor. The fruit keeps for a long time after picking, and you'll find that the tree will bear heavy crops almost anywhere in California. \$1.60 each.

**Winter Bartlett. FD69.** This late fall ripening pear is similar to Bartlett in shape, color and flavor, but a little smaller and ripening much later. The tree is remarkably productive and the fruit keeps very well, indeed. You can keep it down cellar for weeks after picking, and in Southern California it will probably bear the heaviest and most regular crops of any pear, even in the desert regions of low altitude, where other pears do not bear at all. Nov.-Dec.

## Dwarf Pears Take Little Room

If you have a limited amount of space and still would like to have a lot of fine pears for your family to eat, you'll want to plant these dwarf trees that we have grown especially for such situations. The trees seldom become more than about 8 feet high, begin to bear almost immediately after you plant them, and bear immense crops.

Dwarf Pears will bear well almost anywhere in Southern California or elsewhere. They require little care, and there is never any waste with pears because you can pick them as soon as they have attained size, set them away in a cool place and let them ripen, eating them as they get ready, and, of course, they are splendid to can.

**Price on Dwarf Pears: \$2.50 each.**

**Shipping Weight on Dwarf Pears: 3 lbs. for first tree, 1½ lbs. for each added tree.**

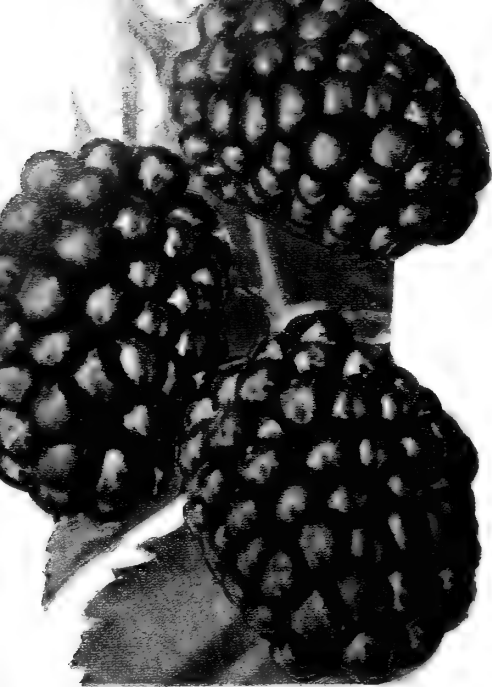
**Dwarf Bartlett. FD70.** It's the world's finest pear.

**Dwarf Beurre d'Anjou. FD71.** Better plant one of these with your Bartlett in order to make sure of increasing the crop.

**Dwarf Large Fruited Winter Nelis. FD72.** The new giant fruited strain of this fine late-ripening fall pear.

The New Large Fruited Winter Nelis Pear





Boysenberries (Natural Size)

## The Gigantic Boysenberry

**Boysenberry. FB4.** Since the Boysenberry was introduced we have claimed that it was the very finest berry that could be grown in California. Not only has this proved to be true but it seems to do just as well in many other sections of the United States.

The Boysenberry is the largest of all berries, averaging 1½ to 2 inches in length and 1 inch in diameter. The berries are jet-black, highly flavored, and they pick, keep and ship in a way that brings delight to the heart of a berry grower. Housewives know that they make the very finest pies, jams and preserves.

Boysenberries produce exceptionally heavy crops. The big, vigorous vines are simply loaded with the big fruit clusters which start to ripen early, just when berries are most in demand. Boysen has been remarkably hardy and adaptable in a wide range of climatic conditions having safely stood below zero temperatures.

For home planting, 6 by 6 feet is a good distance. Arrange for irrigation. Trellis the second season and when the fruit is all picked cut out all of the canes which bore fruit.

	Each	Per 10	Per 100
One-year transplants	\$ .35	\$3.00	\$20.00
Strong rooted tips	.20	1.75	10.00

## The Finest Flavored Blackberry

**John Innes Blackberry. FB2A.** A fine new Blackberry from the famous John Innes Institution at Merton, England, one of the world's foremost agricultural experiment stations. We think it is the finest late blackberry for Southern California. We are sure that you'll like it because of the extraordinarily fine, full-bodied, rich sweet flavor of the big, glossy, coal-black berries. They need almost no sugar—they are so sweet and rich. No matter what other berries you have in your garden, you'll enjoy John Innes because it ripens in September—weeks after all other blackberries, boysenberries and youngberries are gone. An extremely heavy bearer. 50c each, 3 for \$1.35, 10 for \$4.00, 100 for \$30.00.

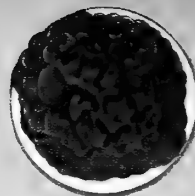
**Crandall's Early Blackberry. FB1.** One of the earliest to ripen, producing great quantities of medium size, firm, sweet blackberries, with few seeds and almost no core. It never fails to bear and will grow under more adverse conditions than any other berry, being hardy everywhere. It ripens in June and July with a lighter crop in the fall. The big upright bushes need no support. Plant 5 feet apart in rows 8 feet apart. 25c each, \$2.00 per 10, \$12.00 per 100.

**Texas Wonder Blackberry. FB3.** The berries on the vigorous vine are large and coal black. They keep and handle exceptionally well. The plants bear so heavily that in June they are literally black with berries. We picked 2 quarts (at one picking) off three bushes, every berry full of good old-fashioned blackberry flavor. Plant 4 feet apart in rows 8 feet apart. 50c each, \$2.50 per 10, \$15.00 per 100.

**Berry Shipping Calendar (We ship all over the U. S. A.)**

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	■	■	■	■	■	■	■

**Sodus Purple Raspberry (First berry at right)**  
In the illustration at the right the first berry is Sodus Purple. To its right is an ordinary red raspberry. Both are sitting on a silver quarter dollar. Place a quarter on the illustration and you will notice it is actual size.



# Armstrong Berry Plants

All berries are easy to grow, particularly these Armstrong tested newest varieties which quickly produce heavy crops of bigger, juicier, finer flavored berries. Plant now and prevent a fresh berry shortage at your house.

## A New Purple Raspberry

**Sodus Purple Raspberry. FB12.** Here is something new! A berry that was first offered by us in California and which we have found to be exceedingly well adapted to our conditions. Great, large, rich purple berries, four times as large as the ordinary black Raspberry, borne in enormous sprays. Juicy, sweet, rich flavored, with the good old raspberry aroma and flavor. The berries are most delicious to eat with sugar and cream and are unexcelled for jams. Young plants put out in the spring grow amazingly fast and will produce berries the same season if well cared for, this readiness to bear being one of its finest characteristics. A cross between the black Raspberry and the red Raspberry, one of the most satisfying and delicious berries that you have ever tasted. 30c each, \$2.50 per 10, \$17.50 per 100.

## Red Raspberries

**Washington Raspberry. FB13A.** When we first tasted this fine big new red raspberry, we opened our eyes and smacked our lips in amazement, because the flavor was so rich, sweet and delicious. We thought maybe it was just because it had been a long time since breakfast, so we tried them again next day and got the same reaction. We tried them out on our friends, and each one looked pleasantly surprised and said: "That's the best raspberry I've ever eaten." Frankly, we think that if a raspberry tasted any better than Washington, it would be "out of this world." And it likes our Southern California climate. The vines are exceedingly vigorous here, they ripen big crops, and keep producing ripe berries morning after morning for weeks. 35c each, \$3.00 per 10, \$20.00 per 100.

**Sunrise Raspberry. FB13.** The earliest red raspberry to ripen with us, and a mighty good one, sweet and full flavored. The vines are hung with many clusters of delicious bright red berries over a long period before there are any raspberries on the market. Sunrise and Washington make a splendid pair, one early one late. 30c each, \$2.50 per 10, \$17.50 per 100.

## The Finest "Blackcap"

**Evans Black Raspberry. FB10.** The red, the purple and the black Raspberries are each quite distinctive. You will want the best of each if space permits. The finest Blackcap Raspberry is Evans—best because it does so extremely well in our climate and produces quantities of jet-black berries of finest quality. The berries are always juicy and full-flavored—never dry and crumbly. They are sweet enough so that most people eat them without sugar, and they have a rich aromatic flavor you will look forward to enjoying each year. Commercial growers have found that it bears 15 per cent to 20 per cent more fruit than others. Plant 6 feet by 6 feet. Should be trellised. 35c each, \$3.00 per 10, \$20.00 per 100.

## Thornless Loganberries

**Thornless Loganberry. FB8.** Loganberries have long been a favorite on the entire Pacific Coast, these vigorous hardy, trailing vines producing enormous crops of very large, dark wine-red berries with a rich sub-acid flavor which have long been famous for their excellent jams, jellies and juice. The new Thornless Loganberry has fruit even better than the old kind, and the canes are absolutely thornless, making picking a pleasure. Why plant the thorny type when you can enjoy this? Plant Pat. No. 82. 35c each, \$3.00 per 10, \$25.00 per 100.

Blakemore, California's Finest Strawberry



**January, February, March and April—Plant then  
and make sure your family will have berries**

## Luscious Strawberries

Below is our selection for California conditions made from the many hundreds of strawberry varieties available. **Prices on All Strawberry varieties below (except Gem and Rockhill): 25 for \$1.00, 100 for \$3.00, 1,000 for \$20.00. Fifty at the 100-rate; 500 at the 1,000-rate.**

### The Reddest

**Blakemore. FB15.** In color, earliness, quality of berry, and size of crop, it is a great advance in Strawberries. Possibly its biggest advantage is the beautiful bright red color which does not change after the berries are picked or after they are canned or made into jam. Most strawberry varieties turn brownish right away after they have been cooked, but not Blakemore. Because of the firmness of the berries, they keep and ship extremely well and are easy to pick. The foliage is very large, shielding the berries from the birds and sun and giving them a lovely color.

**Dorsett. FB16.** The big, firm, bright red berries are extremely handsome in appearance, and the quality is exceptionally fine, sweet and juicy, with plenty of real Strawberry flavor. The plants produce even larger crops than the heaviest bearers among the other varieties, producing two big crops per season, one in the spring and another in the early summer, with a few scattered berries almost any time during the year. Only Blakemore can compete with it as a commercial berry. And in the home garden it will give you wonderful fruit from April until July.

### Longest Season

**Gem Everbearing. FB17.** One of the ever-bearing varieties with big, fine looking berries, not as high in quality as Rockhill, but the plants are less expensive because they produce more runners. It bears well in the fall after all the spring kinds are finished and is particularly good as a commercial berry. 25 for \$1.50, 100 for \$4.00, 1,000 for \$30.00.

### No Runners

**Rockhill. FB19.** The best of the so-called Everbearing type. The berries are astonishingly large and beautiful, extremely fine in flavor, and the plants bear much earlier and later in the season than other types. Rockhill makes no runners, and if you have ever grown Strawberries, you know that after several years the bed gets so full of runners that little fruit is produced.

This is not true of Rockhill, and you will not wear yourself out chopping off runners to make the plants bear. The lack of runners makes the plants expensive, but certainly it is worth it to get more and better berries with less work. 25 for \$4.50, 50 for \$7.50, 100 for \$12.50.

**Carolina (Missionary). FB18.** One of the best berries for hot interior sections, particularly in sandy, poorer soils. A heavy producer of good quality fruit. Fine not only for the market but for the home as well.

### Finest Quality

**Banner. FB14.** (New Oregon) If you want exceptional flavor and quality in your strawberries and want to get berries that just melt away in your mouth and are sweet enough to eat without sugar, this is the one you'll want. It does its best in cooler sections, where it is almost everbearing. For home and for market, from the standpoint of quality, there is no better berry grown.

## Youngberry

**Youngberry. FB20.** The Youngberry and the Thornless Loganberry are ripe in May, two weeks ahead of the Boysenberry. Youngberries are remarkable keepers and shippers, the berries are deep wine color, changing to jet black, with an exquisite piquant flavor. The seeds are so few and soft that they may be considered as practically seedless, and make splendid jams and jellies. Extremely vigorous and heavy producers. Plant on wire trellises 6 to 7 feet apart. Rooted tips. 20c each, \$1.50 per 10, \$10.00 per 100.

## Gooseberries

**Oregon Champion. FB6.** Large round transparent, pale green fruit of excellent quality. Gooseberries are a delight where they can be successfully grown, but they do not bear well in the lowlands of Southern California. 35c each, \$3.00 per 10.

## Currants

**Perfection. FB5.** A good quality bright red Currant, with a rich mild sub-acid flavor. The plants bear heavy crops wherever conditions are suitable. 35c each, \$3.00 per 10.

## Perennial Vegetables

These delicious vegetables do not have to be planted again each year. A few plants of each will supply you with much tasty garden-fresh produce.

### French Artichokes

**French Green Globe. FM1.** The finest Artichoke for market or home use. Large, fine flavored buds. It is easy to grow artichokes, and they thrive almost anywhere in California. Just plant them 6 feet apart, irrigate them occasionally in the summer-time. Cut back to the ground in September and water and fertilize them for winter and early spring crops. You will be surprised at the fine crops you will get. 35c each, \$3.00 per 10. Weight 1½ lbs. each.

### Asparagus

**Price on Asparagus: 25 for \$1.25, 100 for \$3.00. 25 Asparagus plants weigh 4 lbs.**

**Paradise. FM3.** Heavy production, early maturity and exceptionally fine quality characterize this new Asparagus, with the big, stalky green stems (as thick as your thumb). Plants look beautiful in the garden.

**Mary Washington. FM2.** Has long been a popular kind, ripening early with many tender, crisp green tips. Plant Asparagus 1 foot apart in rows 4 feet apart.

### Crisp Rhubarb

**Cherry. FM4.** The large stalks of this brightest colored kind are crisp and juicy when picked fresh from your own garden. You will be enthusiastic about the improved flavor and quality whether you use it in sauce or in rhubarb pies. The large-leaved plants are quite ornamental in the garden. Plant 4 feet apart. It is a winter crop, hence doubly valuable. 35c each, \$3.00 per 10. Weight 1 lb. each.

### Climbing Potato

**Chayote. FSS.** Big, pear-shaped, greenish fruits, crisp like a potato but not starchy. More delicately flavored than squash. A fruit of many uses borne on a perennial, climbing, ornamental vine which will grow as much as 50 feet in one season. Full sun. Fruits for planting. 40c each.

**New Evans Black Raspberry.** The flavor of black raspberries has always been one of those things you dream about and long for, whether you get it in the fresh fruit sprinkled with cream and sugar, in luscious pies, in jams or ice cream. Evans will give you more and finer black raspberries than any other kind you can plant in Southern California.

## Armstrong's Victory Berry Collection

Each year you can treat all the family to a wide assortment of fresh picked berries from early spring to late summer and then enjoy berry pies, jellies, jams and preserves the rest of the year. It doesn't take a farm either. Look what this Collection includes: Bright red, luscious, sweet strawberries; huge boysenberries; three brand-new, improved raspberries, red, purple and black; richly flavored loganberries on thornless vines; and a fine new late blackberry, ripening when other berries are gone. Armstrong plants often have fruit the first year and start bearing heavy crops the next. Order "Victory Berry Collection No. 111" (a \$7.60 value) for \$5.60 plus 14c sales tax in California, postpaid for 20c in the United States. Shipped December 1st to April 15th.

**2 Crandall's Early Blackberry.** As much as 1½ quarts of early berries per picking from two vines.

**2 John Innes Blackberry.** The new, richly flavored, late berry from England.

**3 Boysenberry.** Quart after quart of gigantic, richly flavored berries to eat fresh, in pies or as jam.

**2 Thornless Loganberry.** Thornless vines, juicy fruit with almost no seeds which make the finest flavored of all jams.

**2 Evans Black Raspberry.** Heaviest bearing and best flavored of all black raspberries.

**2 Sodus Purple Raspberry.** A new purple raspberry, with juicy, full flavored fruit the size of a quarter.

**5 Sunrise Raspberry.** This new red kind is the earliest and longest bearing.

**25 Blakemore Strawberry.** Enormous crops of berries which make the best bright red jam.

**25 Banner Strawberry.** Tops in quality and flavor. Excellent with sugar and cream—none better for shortcakes.

**Shipping Weights: 10 plants of Raspberry, Blackberry, Loganberry, etc., weigh 3 lbs. packed for shipment. Other quantities in proportion. 25 Strawberry plants weigh 1 lb. See table of shipping costs page 41. Most berry orders, unaccompanied by heavier material, go forward by mail. No mail orders totaling less than \$2.00 are filled.**

**Big dark red Thornless Loganberries. Not a scratch in an acre-full but plenty of enjoyment.**



# Armstrong



Armstrong grapes give big returns in a small space.

Grapes do wonderfully well in California, and every home place has room for a few vines. It takes only two years after planting to get good crops on Grape vines, so it is not necessary to wait for results. Plant home grapes 6 feet apart each way.

The Grapes which are typical of California are those that have been gathered from Persia, Turkey, Armenia, Arabia and from the Old World vineyards of France and Hungary, but we are also fortunate in being able to grow the American Grapes of the Eastern States, such as Concord and Niagara. We list these American Grapes separately on the opposite page.

**Note:** Those varieties marked with a \* can be shipped anywhere in the United States. All other varieties not so marked, can be shipped only into the California Counties of Los Angeles, San Bernardino, Orange, San Diego, Ventura, Santa Barbara, Kern, Tulare, Fresno, Kings, Madera, San Luis Obispo County and western Riverside County (including Beaumont, Banning and Hemet).

Prices on all varieties except where noted

	Each	Per 10	Per 100
1-year Rooted Vines.....	\$.35	\$3.00	\$20.00
Ten or more of one variety sold at the 10-rate, 50 or more of one variety sold at the 100-rate.			

Varities in both California and American groups listed in approximate order of ripening. At end of each description we indicate whether variety should be grown as bush or on fence or trellis.

## The Earliest Grape to Ripen

**Pearl of Csaba. FG23.** Since we first introduced this delicious little amber colored Hungarian Grape several years ago, it has become amazingly popular. It ripens many weeks before any other variety that we now have, and unlike many early fruit varieties it is a high quality Grape, almost seedless, with a pronounced Muscat flavor, delicate and refreshing. If you want to enjoy the first Grapes of the season, include Pearl in your planting. Bush type. June.

This is an Armstrong-grown Pearl of Csaba Grape-Vine planted by Mr. F. Cid at Guadalajara, Mexico, in January. This photograph was taken in May, 16 months later. Armstrong Vines get results.



## California's Famous Western Grapes

You'll find your favorite type and color in California Grapes in this list. Black Monukka, Thompson and Sultanina rosea are seedless.

**Black Monukka. FG2.** A seedless black Persian Grape much resembling Thompson Seedless, except that the berries average one-third larger and are purplish black when mature. Very large, loose bunches borne in great profusion. A splendid early eating Grape ripening 10 days before Thompson. If we had to pick out three or four varieties only for our own enjoyment, this one would have to be included. Trellis. Early August.

**\*Thompson Seedless (Sultanina). FG28.** The well-known little greenish-amber seedless Grape so popular the country over. It is widely planted commercially for raisins and the fresh fruit as well. Bears enormously, producing very large bunches of the delicious sweet, mild berries. Bush or trellis. Early August.

**Sultanina Rosea. FG27.** Exactly like the Thompson Seedless, but colored a beautiful bluish pink, deepening to red in the sun, ripening several weeks later than Thompson. Trellis.

## Giant Everbearing

**Giant Everbearing. FG12.** An extraordinary hybrid, which is the most vigorous grower that we have ever seen in a grape vine, young vines sending out 10 or 15-foot canes almost immediately after planting, and for covering an arbor or similar structure, there is nothing finer. It ripens its fruit not in one crop but continuously over a period of three months, and the little bunches of reddish-black berries, while not exceptional in eating quality, make the most beautiful and delicately flavored grape jelly and juice that we have ever tasted. July to October. Trellis. 50c each; \$4.50 per 10.

## Malaga

**\*Malaga. FG17.** A leading shipping variety and one of the finest table Grapes. Bunches very large and loose; berries large, oval, yellowish green, with a thick skin and firm, sweet, rich flesh. Does best in hot climates, but is one of the most dependable bearers anywhere. Bush type. August.

**Ribier. FG25.** This is the great big blue-black Grape that you see in the markets, one of the largest and most handsome Grapes grown in California. (Sometimes sold as Serbian Beauty.) Extremely large, round, almost black berries in medium size bunches, very sweet and rich. Bush type. August. We have grafted vines only at 85c each; \$7.50 per 10.

**Rose of Peru (Black Prince). FG26.** Has large loose bunches of big round black berries, crisp, sweet, and richly flavored. A grape that you can plant anywhere, coast, valley or desert, and always get exceedingly heavy crops. Bush or trellis. September.

## Delicious Muscats

**Black Muscat. FG4.** These large black berries have decidedly the richest flavor of any Grape that we grow, exceeding even the Muscat of Alexandria described below. It is a great favorite with everyone, and it's a great bearer, too, producing extremely heavy crops which ripen early. Bush type. Early August.

**\*Muscat. FG20.** The famous Muscat of Alexandria. The favorite white, highly flavored table and raisin Grape of California. The big, oval, green berries have a rich, sweet flavor which any connoisseur of fresh Grapes will tell you is the very finest there is. Bears just as well under coastal conditions as it does in the warm inland sections. Bush type. September.

**Flame Muscat. FG10.** Exactly like Muscat, with the same rich flavor and large berries of that famous variety but bright red in color. Ripens three weeks later than Muscat. September. Bush type.

## The Sultan's Favorite

**Dattier. FG8.** A big bunch of long, amber, exquisitely flavored Dattiers will give more sheer enjoyment in the eating of them than any other Grape that we grow. Both bunches and berries are very large, with a sweet mild flavor and melting flesh. We will wager that the kings and caliphs of Persia had this variety served to them when they wanted the best from the royal vineyards. Bush type. September.



# Grape Vines

## When to Plant Grape Vines

A black square under any month means that grape vines are available for planting only during those months.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root	■	■	■	■	■	■	■	■	■	■	■	■

## The New Golden Muscat

**Golden Muscat. FG13.** Here is a new Grape which we can enthusiastically recommend. Some people prefer the Eastern "slipskin" Grapes, while others prefer the California type Grapes, but everyone likes this new kind, which is a hybrid between the richly flavored Black Muscat and the green Eastern slipskin Grape, Diamond. This new variety has retained the golden green color of the Eastern Grape but has gained the exquisite Muscat flavor, delightfully combining the characteristics of the two different types. It is a vigorous grower and heavy bearer everywhere from the hot inland valleys to the coastal regions. This is one grape that does well almost all over the country, and you'll find it advertised in many magazines as a new variety at \$1.00 or more each. This is the third year in which we have offered it and we are able to keep the price low. Bush or trellis. August. 50c each, \$4.50 per 10, \$35.00 per 100.

## The Best Red Grape

**Maraville de Malaga. FG18.** A wonderful red market and shipping Grape, and unexcelled for home use as well. The berries are extremely large, round, and bright red, sweet and richly flavored, and so firm that the skin can be peeled off like an orange. The best red Grape for most purposes. Bush type. September. We have grafted vines only at 85c each, \$7.50 per 10.

**\*Mission. FG19.** Medium size, round, sweet, black berries produced in enormous loose bunches. One of the old wine Grapes, brought from Spain by the Mission Fathers centuries ago. Because of its sweetness, juiciness and the enormously heavy crops that it bears everywhere, it remains a favorite. Bush or trellis. September.

**\*Lady Finger (Rish Baba). FG16.** Got its name because the berries are very long, slender and white-skinned. Large long bunches; flesh crisp, tender and sweet. Bush type. Late September.

**\*Zinfandel. FG29.** Probably the most famous Wine Grape of California, bearing an enormous quantity of compact bunches of very juicy, sweet, black Grapes. Bush type. September.

## The Famous Black Hamburg

**Black Hamburg. FG1.** One of the famous table Grapes of the world, with large bunches of coal-black, round berries, very firm, juicy, sweet and rich. Bush or trellis. Late Sept.

**\*Flame Tokay. FG11.** One of the leading shipping and table Grapes of California. Berries rich red with lilac bloom; flesh firm, crisp and sweet, and the bunches keep for a long time after packing. One of the finest and best liked of the late fall Grapes. Bush. October.

**Black Morocco. FG3.** These great round, purplish black Grapes are so large that they resemble small plums. The berries are sweet and crisp and borne in large compact bunches. Probably the largest of all Grapes and so late that they may be picked right up to Thanksgiving. Bush type. October. 50c each, \$4.50 per 10.

## Hardy American Grapes

This type of Grape, of which the Concord is a typical example, is quite hardy and is extensively grown in the eastern and middle western states. They are sometimes known as "slipskins," are usually strong growing vines, are all suitable for arbor and trellis, and do well anywhere on the Pacific Coast, with the exception of desert sections. They require more frequent irrigation in summer.

Each Per 10

Price .....\$ .50 \$4.50

**Ontario. FG22.** Not only the earliest Eastern type grape but one of the very finest green-skinned ones, with big berries in medium sized bunches which ripen early and hang on the vines for a long time if you want to leave them. Deliciously sweet and rich flavored and the vines are exceedingly vigorous. July.

**Delaware. FG9.** The little red berries of this variety, sweet and juicy, have just about the finest quality of any Eastern Grape, and it bears heavily every place. Early August.

**Pierce (California Concord). FG24.** Similar to Concord, but the berries and bunches are larger and the vine is a strong grower. It is one of the finest of the American Grapes for California, and if you are just going to plant one black Eastern Grape, we suggest this one. You'll get a bigger crop from it than you will from Concord. August.

**Niagara. FG21.** The standard American green Grape, holding the same rank among green kinds that Concord holds in the blacks. Berries large, pale-yellow, tender, sweet and juicy. August.

## Good Old Concord

**\*Concord. FG7.** The most widely known and popular of all American Grapes. Produces profusely its medium size bunches of blue-black Grapes, which everybody says have the finest flavor of any Eastern variety. For grape juice and jelly, nothing excels it, and it ripens large crops in California. August.

**Catawba. FG5.** This has long been the standard red Eastern Grape, with a vigorous productive vine and splendid high quality fruit. Deep maroon-red in color and rich in flavor. Late August.

**Isabella. FG15.** A fine large, glossy black Grape, with a thick skin and a musk flavor, which many people prefer to Concord. It is a much more vigorous vine than Concord, with big leaves and bigger bunches. September.

## A Fine Arbor Grape

**Christmas. FG6.** If you want to cover an arbor or fence quickly and get many fine Grapes every year, there is no finer variety that you can plant than this origination of Luther Burbank. An enormous grower, covering great spaces, with fruit similar to Concord in color and flavor but ripening two months later. One vine will produce five times as much as a Concord vine.



**Golden Muscat.** The new hybrid between the Eastern American Grape and the California vinifera Grape, with an exquisite Muscat flavor. A Grape for all climates. Shown here two-thirds natural size. Imagine a fence hanging full of these bunches.

## Espalier Grapes

For planters who wish older and larger vines which will give immediate results in covering wall, fence or arbor, we have grown and trained into 6 to 7 foot heavy columns, some large 3-year plants taken up with a large ball of earth on the roots. They will start to bear immediately, in fact, have already borne fruit. Varieties available: Black Hamburg, Black Monukka, Black Muscat, Concord, Christmas, Giant Everbearing, Golden Muscat, Maraville de Malaga, Pierce, Ribier, Rose of Peru, Thompson Seedless. Some varieties are available in limited quantity only so please name an alternate kind if we do not have your first choice. Price: \$7.50 each.

## Husky Grafted Grapes

(Can be shipped only into certain counties of California. See top of the preceding page.)

There are several reasons for planting grapes grafted on vigorous disease-resistant roots. First, they are much more vigorous and make larger and, therefore, more heavy bearing vines; second, they are entirely resistant to Phylloxera and partially resistant to Nematodes, small soil parasites which sometimes bother grapes. They bear sooner too, usually the first year after planting.

Vines grafted on resistant roots available in the varieties named below:

**Price on Grafted Grapes: 85c ea.; \$7.50 per 10.**

Black Hamburg	Maraville de Malaga
Black Monukka	Muscat
Black Muscat	Ribier
Dattier	Pearl of Csaba
Flame Tokay	Thompson Seedless
Malaga	

## Shipping Weights

Packed for shipment, the first grape vine weighs 1 lb., and each added vine 1/2 lb. each. To estimate shipping costs, use table on page 41.



Mr. L. E. Nigh, who has supervised the propagation of every Armstrong Avocado tree for the past 29 years, is the most successful Avocado propagator in the State. Here he is admiring a cluster of Ryan on one of the trees that he has grown. He likes this kind.

# Armstrong Avocados

## Fuerte is Still at the Top

**Fuerte.** Still the finest Avocado for commercial or home planting in California, as it has been for many years, staying at the top because of the uniformly high quality of the fruit, its heavy production, splendid marketability, winter ripening season and frost resistance. While planted in all Avocado districts, it is at its best in the transitional area. In that area there is no better Avocado for commercial production, and, of course, it is a splendid home fruit.

The fruit is elongated, pear-shaped, of medium size, with a smooth, green, leathery skin and creamy yellow, buttery flesh of exceptionally fine flavor, being excelled in this respect by no other Avocado. The tree is large and spreading, and ripens its fruit in winter, from late fall until early spring, the fruit hanging on for a long time after maturing. Fuerte is considerably harder than most Avocados but not as hardy as the thin-skinned Mexican varieties. 24°. December to May.

**Two Superior Strains of Fuerte.** Ordinary Fuerte trees often display a tendency to bear well only in alternate years, but the two Armstrong strains which we offer were carefully selected from trees which seem to have the habit of bearing heavily every year. We consider these trees to be the very finest type of Fuerte, which will give you the most fruit and the best. One strain is the **Newman Fuerte FA13**, which is probably best for the Transitional and Interior Belts, while the other is the **Cole Fuerte FA3**, which has been a regular and heavier bearer in Ventura County and may be best in the Coastal Belt. Since there is little difference between them as far as fruit and tree are concerned, we will fill your order for Fuerte with the one which we think is best for your locality unless you express preference.

## Armstrong Avocado Trees Are Best

Avocados are now a much enjoyed every day food in almost every home in California. Not only do you get a large quantity of healthful, useful fruits from an avocado tree on the home place, but you get a beautiful ornamental shade tree as well. Avocados can be grown in almost any part of California except the high mountains and desert, and you can pick out kinds that will give you fruit during the entire year if you wish. See bottom of page.

We take great pride in Armstrong Avocado Trees. We don't see how any better trees could be grown for your planting, and when you see them, we think you'll agree. They are all grown upon selected seedlings, and we use the utmost care in the selection of the buds. Our annual block of Avocado trees, grown by Mr. L. E. Nigh, is always a beautiful sight.

The ripening date given for each variety is only approximate, since the exact time of ripening varies with the location. The minimum temperatures given after each variety are approximate only, since damage from frost varies greatly according to the condition of tree, time of year, and location.

## Shipping Weights

Most avocado trees are delivered with balls of earth on the roots. They will average 55 lbs. each packed for shipment. For long distance shipment we often dig the trees with bare roots and ship them packed in moss with tops pruned back. The average weight of such bare root trees packed for shipment is 3 lbs. Use these weights and the tables on page 41 to estimate your shipping costs if material is to reach you by rail.

## About Avocado Types

Avocado varieties vary greatly in characteristics of fruit and tree. The varieties Edranol, Hazzard, Hellen and Queen have thick shell-like skins and the trees are comparatively tender. The varieties Fuerte and Ryan have thinner leathery skins and are slightly harder. These two groups include the finest kinds for marketing and long distance shipping. The varieties Blackbird, Duke, Jalna, Mexicola and Zutano have thin skins, small or medium sized fruit, and are much more resistant to cold. They are best for planting in the colder sections and may safely be grown wherever oranges succeed.

## Prices on Avocados

	Each	Per 10
Strong trees .....	\$4.50	\$42.50
Ten trees of one variety sold at the 10-rate.		

## The Hardy Blackbird

**Blackbird. FA2.** A beautiful, glossy, medium sized, black, thin-skinned fruit, very handsome in appearance, pear-shaped, which we are offering again because of the high quality of the fruit and the very regular and consistently large crops which it bears. It ranks with Mexicola in being the most resistant to cold of any variety that we grow, and the tree is exceedingly vigorous and wind-resistant. It will grow and bear almost anywhere. 19°. September to November.

## For Interior Valleys

**Duke. FA4.** One of the finest of all Avocados for home planting in the colder interior districts. It is an oval, green fruit which looks like a small Fuerte and is much larger than the average thin-skinned variety. It will be enjoyed in the home as much as any Avocado that we grow. Any surplus sells well in the local markets, for it is a fine appearing fruit. Duke will grow almost anywhere in the valleys of California from the northern end of the Sacramento Valley to the Mexican border, and the tree is large, vigorous and beautifully foliated. We have had as many as 3,000 fruits from one 10-year-old tree. Best in the Interior and Transitional areas. 20°. September-October.

If you follow the simple suggestions contained in the planting instruction sheet that we send out with your Avocado trees, you will get quicker and better results from your trees. Be sure to look for these instructions.

## How to Enjoy Avocados Every Month in the Year

Avocado varieties vary considerably in their adaptation to different climatic conditions in Southern California and they vary greatly in their time of ripening. To make it easy for you to pick out the kinds which are best for your location and to enable you to have fruit throughout the year, we have made up the table below. Under each month are listed the varieties which usually ripen their fruit during that month in the zone described.

### For the Southern Coastal Belt, from Santa Barbara to San Diego

January	February	March	April	May	June	July	August	September	October	November	December
Fuerte	Fuerte	Fuerte	Fuerte	Edranol	Edranol	Edranol	Mexicola	Mexicola	Mexicola	Leucadia	Fuerte
Jalna				Ryan	Ryan	Ryan	Ryan	Ryan	Leucadia	Jalna	Jalna
				Queen	Queen	Queen	Queen	Queen			
						Hellen	Hellen	Hellen			

### The Transitional Belt, including Monrovia, La Habra Heights, Whittier, Tustin, Fullerton, La Mesa, Escondido, Fallbrook, Vista, and foothills of Santa Barbara and Ventura Counties

Fuerte	Fuerte	Fuerte	Fuerte	Edranol	Edranol	Edranol	Ryan	Queen	Leucadia	Leucadia	Fuerte
Zutano			Ryan	Ryan	Ryan	Ryan	Queen	Duke	Duke	Zutano	Zutano
Jalna				Queen	Queen	Queen	Mexicola	Mexicola	Mexicola	Jalna	Jalna

### The Interior Belt, from Pomona, east and from Corona, north; also Northern California (Note Minimum Temperatures)

The Interior Belt, from Colorado, east and from Colorado, north, also Northern California (Note minimum temperatures)											
Fuerte Zutano Jalna	Fuerte	Fuerte Ryan Edranol	Edranol Ryan	Edranol Ryan	Edranol Ryan	Ryan Mexicola	Mexicola Duke Blackbird	Duke Mexicola Blackbird	Zutano Jalna Blackbird	Fuerte Zutano Jalna	

## Green Summer Fruit

**Edranol. FA5.** Although comparatively new, favorable reports on this variety continue to pile up so rapidly that it can now be regarded as having a permanent place among the top Avocados. The exceptionally delicious, pleasant flavor of the medium sized, dark green, pear-shaped fruits prompts everyone who eats it to enthuse over it. It has a very small seed so that you get more fruit for your money. The flesh has a beautiful, smooth, buttery appearance, with no fiber and no discoloration when fully ripe. It ripens in late spring and summer and resembles Fuerte in appearance, which is a great marketing advantage. The tree is a slender, vigorous, upright grower which fits into the small home planting well. It starts to bear when young and continues to bear enormously every season. Hardier than most other "thick-skins." Coastal, Transitional, and milder Interior areas. 25°. May to August.

## A Big Producer

**Hellen. FA7.** The extra "l" in this name stands for "lots of fruit" because this new variety certainly does produce, and without delay. You're likely to have some fruit the first year after you plant. It is a pear-shaped fruit of convenient, medium size, dark green, with a pebbled, leathery skin which peels off perfectly. It is of very fine flavor and quality, and has brought much higher than average prices on the markets. The tree is one of the fastest growing and largest of all Avocados. This combination of enormous vigor and heavy bearing habit should make this new variety a great success. Originated in the coastal area where it does very well indeed. Not tested fully in other areas. 25°. July to October.

## A Beautiful Tree

**Jalna. FA8.** A new Mexican variety with green pear-shaped fruits of splendid quality. Wherever observed the trees have borne very heavy crops, and in addition it is one of the most beautiful Avocado trees in appearance—spreading, symmetrical, with handsome luxuriant foliage. We've seen many 2 and 3-year-old trees literally hanging full of big clusters of beautiful fruit. It has little competition in the early winter-ripening season. 22°. November-December.

## The Old Dependable

**Mexicola. FA11.** The hardiest Avocado on our list and one which can be counted upon to bear consistently, nearly always fruiting the second year after planting. The fruit is small, dark purple, of excellent quality and fine for home use. A large, vigorous tree which will stand plenty of heat, cold and wind. Bears enormously in all areas. 19° August-September.

Please include on your order sheet both the name and code number of each variety ordered.

## When to Plant Avocados

The black squares below indicate in what months you can safely plant avocado trees. The spring months are slightly preferable.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Balled	■	■	■	■	■	■	■	■	■	■	■	■

## Three Big Salesyards

There are now three Armstrong Sales and Display Yards (no other branches or agents) at which you may select from a full supply of Armstrong products. In addition to our home display yards at Ontario, our North Hollywood Branch on Magnolia Blvd., at Coldwater Canyon Ave., serves all of the San Fernando Valley and adjacent territory, while our new Culver City Branch on Sepulveda Blvd., four blocks south of Culver Blvd., is convenient for all of Los Angeles and the beach cities.

## It's Easy to Order by Mail

If it is not convenient for you to visit our Display Yards in Ontario, North Hollywood or Culver City, just put your order in the mail, and no matter where you live, we'll get it to you by the best and most economical means, whether it be mail, express, freight or our own trucks. See pages 40 and 41 for shipping information.



Edranol is almost a perfect summer-ripening avocado, being just the right size, of exceptionally fine quality, with smooth buttery flesh.

## A Purplish Black Beauty

**Leucadia. FA9.** This new thin-skinned Avocado promises to be one of the best of the hardier varieties. It is a beautiful appearing fruit, with a thin, smooth, purplish-black skin. It has displaced the old Puebla since it resembles that kind but has much better eating qualities, larger crops and larger fruit. The tree is exceptionally strong, vigorous and fast growing. We recommend it very highly for home planting in the Coastal and Transitional areas. Not fully tested in Interior yet. 23°. October-December.

## One of Biggest and Best

**Queen. FA14.** This is not only the largest fruited avocado on our list, but for eating we think it is one of the best. The big, purplish maroon, pear-shaped fruits weigh 1½ to 2 lbs., and not only are they of extremely high quality but they ship exceedingly well. It is a splendid home fruit, and there should be a few trees in every commercial planting, particularly in the Coastal and Coastal foothill districts. A spreading large-leaved tree of beautiful appearance. 28°. May to October.

## Ryan Bears Heavily

**Ryan. FA15.** Commercial growers have been looking for a medium sized pear-shaped green fruit to ripen after the Fuerte season is over, and this variety answers this description so well that the fruit often brings almost twice as much per acre as have other summer Avocados. It is one of the heaviest and most consistent bearers yet discovered in Avocados. The trees are big spreading, vigorous growers and have borne enormous crops wherever planted. The quality of the fruit is good. Its period of summer ripening, its heavy bearing habit and its unusual resistance to frost, are other advantages. Coastal and Transitional areas best. 25°. May to October.

## A Promising Fruit

**Zutano. FA16.** There are few good green Avocados ripening in the late fall which look like Fuerte. Zutano does, and this is a distinct advantage in marketing the fruit. The light green, 8-ounce, pear-shaped fruit has a comparatively thin skin, is much harder than Fuerte and has an excellent flavor. Bears excellently in the Transitional area, not tested elsewhere. Probably good in all areas. 26°. November-January.

How would you like to have a Duke Avocado tree full of fruit like this?





# Colorful Armstrong Perennials

## Everblooming Daisy

*Arctotis acaulis* hybrid. P4. 10°. The most popular perennial we have ever offered is this bushy South African plant, 1 to 2 feet high and as much across, which frequently carries 40 or 50 magnificent 3-inch flowers at one time in brilliant shades of orange, yellow, lavender, pink, white or purple. Each plant is different in color, and we can't guarantee to furnish any exact shade. They are at their best in late fall, early winter and early spring, and usually produce some blooms the entire year. Full sun. 70c.

## Wonder of Staefa

*Aster frikartii*. P6. 20°. Many consider it to be the country's finest perennial plant. It will provide a mass of lavender-blue flowers, 2 to 2½ inches across, from June 1 to December 1, without a break. Not only a splendid show in the garden, but excellent for cutting. Grows easily anywhere. Full sun or part shade. \$1.00.

*Bergenia cordifolia*. P7. 15°. Big broad thick leaves, making a dense clump about 15 inches high, with quantities of 12-inch spikes of pink flowers all through the winter. Shade. 80c.

## Serbian Bellflower

(See color illustration on page 35)  
*Campanula poscharskyana*. P11. 10°. For bordering a lawn or to place in the foreground of a group of shrubs, we know of no finer small plant than this lovely little Bellflower which makes a beautiful little clump of evergreen, violet-like foliage about 4 to 6 inches high and 12 to 18 inches across. For many weeks in early summer it is covered with hundreds of little starry, bell-shaped lavender-blue flowers about 1¼ inches across, borne on 6 to 8 inch stems. Grows easily in shade or semi-shade in any soil. The cheeriest little plant imaginable with all of those little blue faces looking up at you. It comes from the Dalmatian Mountains in Jugoslavia, where all of those Serbian patriots have resisted the Nazis so fiercely. 75c.

## Showy Cannas

*Cannas*. 15°. Handsome, big foliage and large showy flowers, blooming from early summer until frost. Full sun. Root divisions, 30c each, \$2.50 per 10 of one kind.

*City of Portland*. P13. 3½ ft. Deep pink with peach throat markings.  
*Eureka*. P14. 3 ft. White, yellow center.  
*Mrs. Pierre S. duPont*. P16. Clear pink.  
*President*. P17. 5 ft. Orange-scarlet.  
*Razzle Dazzle*. P18. 3½ ft. Orange, yellow spots.

*Wyoming*. P19. 5 ft. Orange blooms, bronze leaves.

## Dainty Dwarf Blue

*Ceratostigma plumbaginoides*. S37. (*Plumbago larpenatae*). "Dwarf Blue Plumbago." 15°. The deep rich blue flowers of this dwarf spreading plant (6 to 8 inches) are welcome all over the garden. Such cooling color is especially appreciated during this plant's summer and fall blooming season. Semi-shade or sun. 60c.

## Yellow Cypella

*Cypella herberti*. P20. 15°. A beautiful little bulbous herb, 2 to 3 feet high, carrying on long stems in May and June lovely orchid-like flowers with three broad petals, richly colored in cream, gold, purple and brown. Each spike carries 10 to 12 buds, which open up one at a time every day so they last for a long time. Shade or semi-shade. 80c.

*Dimorphotheca ecklonis*. P24. "Star of the Veldt." Large, spreading plant becoming 4 feet high and more across, with large, 3-inch, pale blue flowers in late winter and spring. 60c.

## Blue Dianella

*Dianella tasmanica*. P22. 10°. We enthusiastically recommend this permanent little perennial for a shady or semi-shady spot. The 2-foot clump of grassy foliage is beautiful the year around, and in spring appear spikes of the most brilliant sky-blue flowers which turn later in the summer into big, 1½-inch, oval berries, a lovely and fascinating shade of turquoise-blue. We are unable to decide whether the flowers or the berries are the loveliest but the berries are beautiful for bowl arrangements. \$1.00.

## Fairy Wands

*Dierama pendula*. P23. 15°. A delightful clump of grass-like foliage, 2 feet high, which carries in the spring 3-foot stems, slender, wiry, swaying in the breeze, from which hang the lovely pink, bell-shaped flowers. Excellent for cut material and beautiful in the garden. Sun or semi-shade. 80c.

## Pride of Madeira

*Echium fastuosum*. P25. 15°. From the Island of Madeira in the South Atlantic. Each plant makes a large clump 4 to 6 feet high and 4 feet across made up of enormous blue flower spikes, blooming in June. Likes open warm sunny location where drainage is good. 70c.

## Beauty in Blue and Gold

*Felicia aethiopica* Compact. P25A. 15°. You will be amazed at the brilliant display of blue and gold this 12-inch, compact gem of a plant will provide all through the spring, summer and fall. The dainty, 1-inch, daisy-like blooms almost hide the plant, they are so numerous. This is a cutting grown strain that we have selected ourselves. 80c.

## Transvaal Daisies

*Gerbera Jamesoni* Hybrids. P26. All *Gerberas* are lovely cut flowers and those who attend flower shows have enthusiastically acclaimed our selected, large-flowered, long-stemmed strain. The colors range from straw through pink, yellow, orange to brilliant scarlet and crimson. We sell mixed colors only. Full sun. Bare root divisions, \$2.05 per 12.

*Geum Prince of Orange*. P27. 0°. A beautiful clump of big, strawberry-like foliage surmounted in the spring with 2-foot flower spikes carrying magnificent double 2-inch blooms of brilliant orange. Sun. Plenty of moisture. 70c.

## Perennial Sunflower

*Helianthus angustifolius*. P27A. 0°. Hundreds of brilliant dark-centered, golden yellow flowers, 3 inches across on a 6-foot plant. Do not confuse these with the coarse sunflowers. Of the Black-eyed Susan type of bloom, these are the best there are, and they make September a glorious month in the garden. Full sun. 80c.

## Heliotrope

*Heliotrope*. There is no more delightful fragrance than that of the *Heliotrope*. In the garden they make a delightful spot of color, and they are beautiful cut flowers too. Usually bloom all through late summer and fall. We have the *Queen Margaret* (P29), rich purple, and *Snow Wreath* (P30), snowy white. 80c.

## "Red Hot Poker"

*Kniphofia*. "Red Hot Poker." 0°. Long upright stems at their ends have a fiery 5 or 6-inch long cone made up of brilliant firecracker shaped blooms tightly packed together. We have *Goldtower* (P40) (brilliant golden yellow tipped with scarlet, 4-5 ft.) and *Royal Standard* (P39) (brilliant orange-scarlet, 3-4 ft.). 60c.



No perennial gives more color and flowers with less trouble than the Daylilies (*Hemerocallis*). Flowers 6 to 8 inches long, 4 to 6 inches across.

## Perennials are Permanent

Perennials bloom year after year in the garden. They are much easier to grow than annuals, which have to be replanted every year. Some perennials have evergreen tops, while some die down to the ground every winter and come up again in the spring. At our three Salesyards you'll find others than those listed here, as well as a complete supply of annual flowering plants.

**Sizes.** Unless another size is specifically mentioned, the prices indicated for the plants listed below are for plants in gallon containers.

**Quantity Discount.** When you purchase 10 or more of one kind of perennial, deduct 10% from the listed each price. For instance, *Angelonia grandiflora* is listed at 80c each in gal. tins. If you order 10 of them, deduct 10% of this price, or 8c, which would make them cost you 72c each. This discount applies to 10 of one variety of plant and does not cover an assortment of 10 different kinds.

**Shipping weight of gal. tins is 10 lbs. each; 4-inch pots, 3 lbs.; flats, 50 lbs.**

## Apple Fragrance

*Angelonia grandiflora*. P4A. 2 ft. 30°. During the summer months it is a showy clump full of many spikes of unique violet-blue flowers like medium-sized snapdragons which have a delightful apple fragrance. 80c.

*Agapanthus africanus* Blue. P1. "Lily of the Nile." 15°. 8-inch heads of sparkling blue flowers on 2-ft. stems, rising from a clump of deep green strap-like leaves. 80c.

*Anemone japonica*. "Windflower." 0°. Delicate, 2-inch, waxy blooms on tall 2-foot stems over large, handsome foliage. Plant in shade or half-shade. We have two varieties, *Crested Pink* (P2) and *Whirlwind* (P3), white, both of which are semi-double. Nothing finer for September and October bloom. 80c.

*Arctotis acaulis*.  
Blooms all the year.



## Everblooming Day Lilies

**Heimerocallis. "Dry Lilies."** 2-4 ft. 10°. The large, lily-like flowers keep on coming from spring to fall above a handsome clump of narrow leaves. Many are very fragrant and they'll provide color as freely all through the summer and fall as anything you can plant. Easily grown in any soil. Sun or half shade. 60c.

**Calypso. P31.** Fragrant, 5 to 6-inch yellow flowers.

**Gypsy. P34.** Rich deep gold-orange color, with deeper golden brown basal markings.

**J. A. Crawford. P32.** Apricot-yellow.

**Kwanso Floreplena. P35.** Double bronze.

**Mahogany Red. P35A.** Rich deep bronzy red. Very large flowers.

**Mrs. H. W. Wyman. P36.** A luminous light pale yellow with 4-foot stems.

**Marguerite.** Popular, free blooming, fast growing, winter and spring blooming plant. We have **Single Yellow (P44)** and **Single White (P43)**. 3-4 ft. high. Full sun. 60c.

**Morea iridioides. P46.** Iris-like plant, white flowers marked with yellow and blue. Blooms from spring to late fall. Full sun.

**Morea bicolor (P45A)** has creamy yellow flowers with brown markings. 70c.

## Blue Cup-Flowers

**Nierembergia frutescens. P47. "Blue Cup-Flower."** 2-3 ft. 15°. A low, fast-growing sub-shrub, bushy and much branched, which starts blooming in late spring and keeps it up until late summer, being covered all that time with shallow, cup-shaped light violet-blue flowers, one inch across. Full sun. Not too much water. 60c.

**Nierembergia hippomanica. P48.** 15°. The plant is similar to the above variety, but gets only 12 inches high and about 18 inches across, becoming a solid, rounded mass of deep violet-blue flowers throughout the entire summer. It has so many flowers and blooms for so long it will amaze you. Likes plenty sun and not too much water. 60c.

## Geraniums

Geraniums bloom almost the year around in California, and often are at their best in the middle of winter. Fine for the open garden or for pot plants for wall, patio or terrace. Botanically, Geraniums are all Pelargoniums, so don't be confused if you see the name Pelargonium on the label. 23°.

All Geraniums listed below: 70c.

**E. G. Hill. P49A.** Clear live pink.

**Marguerite de Layre. P51.** Dbl. pure white.

**Maxine Kovalski. P52.** Copper-scarlet.

**Radio Red. P53.** Brilliant single scarlet.

**Ivy Geraniums.** Your choice of **Red (G19)**, lavender, and **Pink (G20)**. 4-inch pots, 60c.

## Pelargoniums

For coastal regions there is nothing finer than the brilliant-hued Pelargoniums (Martha Washington Geraniums). 3-4 ft. Both sun and half-shade. All following varieties, 70c.

**Edith North. P49.** Rose-pink, darker pink center.

**Lavender Queen. P50.** Clear lavender.

**Springtime. P54.** Ruffled pink petals, bordered white.

**Sue Jarrett. P55.** Salmon-pink, shaded rose.

## Perennial Phlox

**Phlox decussata.** For great masses of bloom in summer and fall in the richest and loveliest of colors, for cut flowers, too, there is nothing better than these easily grown, gloriously hued Phlox, which are never-failing in their profusion of big, bright colored flower heads. 0°. Weight: 12 plants, 2 lbs.

Strong root divisions: 1 for 35c; 3 for 90c; 12 for \$2.85.

**Daily Sketch. P60.** Pink with rose eye.

**Leo Schlageter. P61.** Orange-scarlet.

**Lillian. P61A.** Rose-red.

**Morgenrood. P61B.** Rose-pink, scarlet eye.

**Salmon Glow. P65.** Flame pink and salmon.

**Beacon. P58.** Brilliant cherry-red.

**Dixie. P60A.** Orange-pink.

**Mrs. Chas. Door. P62.** Pale lavender.

**Mrs. Jenkins. P63.** Pure white.

**Rijnstroom. P64.** Rose-pink.

**Von Hockberg. P65B.** Brilliant red.

## Colorful Penstemons

**Penstemon heterophyllus. P56. "Blue Gem."** 0°. Dwarf. 12 inches. Bright blue. Exceedingly effective for sunny blue border. A native. 80c.

**Penstemon Sensation. P57.** 2-3 ft. Giant flower spikes, many colors, white to deep crimson, mostly rose-pink. Blooms almost entire year. Sun. 80c.

**Reinwardtia indica. P66.** 15°. 2-4 ft. A brilliant, flashy spot of sunshiny yellow in the middle of winter, 2-inch, bell-shaped flowers in great quantities. Sun or shade. 70c.

**Scilla peruviana. P69. "Blue Cuban Lily."** 20°. Low grassy plant with big, showy, 12-inch flower spikes of bright sky-blue, borne in June. Part shade. 70c.

## New Shasta Daisies

The improved kinds listed below are becoming tremendously popular. They grow just as easily as old kinds, bloom as much and make wonderful cut flowers. 15°.

**Esther Reed. P71.** 2 ft. A symmetrical, pure white, medium-sized double Shasta Daisy with a full, white, double center, 2½ to 3 inches across. Cut blooms of this variety brought a tremendous price on the cut flower market last year, so you know how fine they are for cutting. 80c.

**Chiffon. P70.** 12 inches. Small flowers with daintily frilled petals. 60c.

## Lasting Lavender Sprays

**Statice perezi. P73. (Limonium.) "Sea Lavender."** Tufts of broad, shiny leaves and immense candelabra-like heads of purplish blue flowers which can be cut and dried to keep indefinitely. Fine near coast. 70c.

## Frilled Blue Moon

**Stokesia Blue Moon. P73A.** A flower of startling size and beauty with immense light blue disc-like flowers. 4 to 6 inches across, borne on stiff 12 to 18 inch stems, the entire plant becoming 2 to 3 feet high. It grows quickly, blooms with great freedom. The individual flowers last for 10 days on the plant or cut and no insects bother it. Full sun. 80c.

## Fragrant Herbs

**Green Thyme (P76) and Thyme Variegated (P76B).** 8 inches. 10°. It's nice to have one of these fragrant foliaged, dwarf clumps tucked in some corner. Both have lavender-blue flowers. 70c.

**Thymus nitidus. P75. "Pink Thyme."** 18 inches. 10°. A very lovely pink-flowered Thyme with gray fragrant foliage. 70c.

**Salvia officinalis. P67. "Green Sage."** 10°. The kitchen favorites. 70c. Also **Variegated Sage (P68)**. 70c.

**Mentha spicata. P45.** Mint to you. For mint sauce, mint jelly and mint juleps. 80c.

## Lavender Surprise

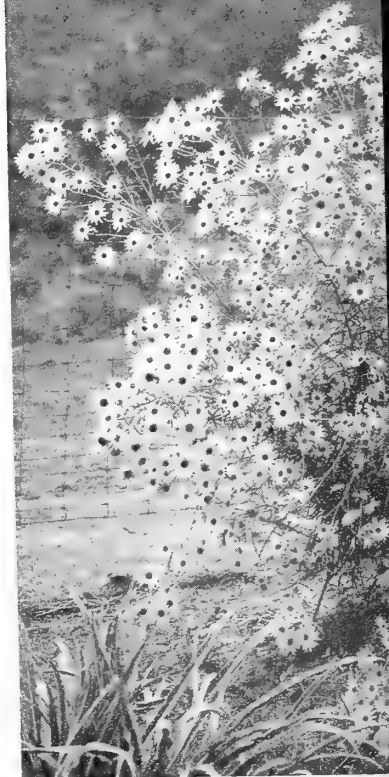
**Tulbaghia cepacea. P78.** 10°. You'll have a pleasant surprise in July when you see the lovely lavender-mauve flower heads of this little bulbous plant, borne on the end of 18-inch stems. You'll be more surprised when it keeps right on flowering up until November. Makes an evergreen clump a foot across and a foot high. Sun near coast. Part shade inland. 80c.

**Trachelium caeruleum. P76A.** 2 ft. Great spreading panicles of bright blue flowers. 60c.

## Trollius Golden Wave

**Trollius Golden Wave. P77.** 0°. A beautiful 18-inch yellow flowering plant for the shade. The golden flowers shine out in spring and early summer. 80c.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.



Make September colorful with Perennial Sunflower (6 ft.).

## Fragrant Violets

**Violets.** What plant can equal the fresh, sweet fragrance of the Violet and the delightful loveliness of its coloring? The answer is, "none." We offer **Princess of Wales (P87)**, the longest stems and finest fragrance. Also **President Herrick (P86)**, the biggest flowers and finest foliage. Also **Viola odorata rosina (P88) "Pink Violet."** Flats of 100 plants, \$6.00.

## Calla Lilies

**Zantedeschia aethiopica. P90. "White Calla Lily."** The best and most free-blooming form of this favorite white flower. Splendid for a shady spot. \$1.00.

**Zantedeschia elliottiana. P91. "Golden Calla Lily."** The flowers are a rich golden yellow and the large green leaves are marked with silver. \$1.00.

**Zantedeschia aethiopica Baby White. P89.** Dainty, miniature white blooms, only 12 inches high. 4-inch pots, 70c.

Nierembergia (18 inches). Hundreds of these blue cup flowers all summer long.



# Armstrong Deciduous

## They Grow Anywhere

You can enjoy the hardy spring flowering shrubs listed on these two pages no matter where you live because they are not particular as to climate. They produce almost immediately after planting thousands of gay spring and summer flowers which make colorful cut sprays.

## Quantity Discount

If you order 10 or more of one variety, take 10% off the listed each price. This discount applies on 10 of one kind only and not on 10 or more assorted plants.

## When to Plant

Most deciduous shrubs are shipped with bare roots from January 1 to April 15 only. Those varieties listed in tins or as balled plants may be planted any time.

## Shipping Weights

The packing weight of deciduous shrubs averages 3 lbs. for the first plant and 2 lbs. for each additional plant. Gal. tins weigh 10 lbs., 5-gal. tins weigh 50 lbs. See page 41 for shipping costs.

## Desert Willow

*Chilopsis linearis*. DS1. "Desert Willow." 10-15 ft. 5°. A surprising native California plant from the hottest, sandiest parts of the Southern California desert. Looks like a small Willow but breaks out in the summertime with the most lovely, orchid-like, trumpet-shaped flowers, 2 inches long, in delicate but brilliant shades of lilac, lavender and yellow. Easily grown anywhere. Full sun. Dry soil. Gal. tins, \$1.00; 2-3 ft., \$2.50.

## Smoke Tree

*Cotinus coggygia*. DS2. "Smoke Tree." 8-10 ft. Below 0°. A handsome large shrub with good looking summer foliage, surmounted from July to October with many loose, feathery panicles of minute, purplish-grey flowers which give the effect of a dense cloud of richly colored smoke. The leaves turn vivid golds and yellows in fall. Grows easily anywhere. Full sun. 4-5 ft., \$2.25; 5-6 ft., \$2.50; 6-8 ft., \$3.50.

*Cercis occidentalis*. DSC. "Western Redbud." 8-12 ft. 5°. Rich rosy purple pea-shaped flowers appear just before the leaves in the spring. Full sun or part shade. 3-4 ft., \$1.25.

Flowers of Desert Willow (one-half natural size). Lovely lavender and yellow orchids of the desert.

## Wintersweet

*Chimonanthus praecox*. DF5. "Wintersweet." 6 ft. 0°. This handsomely foliaged shrub covers itself before winter is over with lovely, waxy, pale yellow blooms like miniature star-like magnolia blooms which scent the air for yards around with a most delicious fragrance like a mixture of Jonquils and Violets. The lovely fragrant blooms, each 1 inch across, are produced in great profusion. The luxuriant foliage is very handsome all through the summer and fall. It grows easily anywhere. Sun or part shade. Gal. tins, \$1.00.

## Flowering Quince

Place one or two branches of Flowering Quince informally in a vase and you will have a long-lasting natural flower arrangement which everybody thinks is perfect. The plants have handsome glossy foliage throughout the summer and like a location with plenty of sunshine. 0°.

*Chaenomeles lagenaria* Apple Blossom. DF1. 6 ft. Bring "Apple Blossom Time" into your garden and your home with the 13/4-inch rose-pink and white blossoms of our favorite Cydonia. Each winter the sturdy twigs are full of lemon-white buds which suddenly burst open aglow with rose-pink shadings. 2-3 ft., \$1.50; 3-4 ft., \$2.00.

*C. lag. rosea*. DF3. (Cydonia.) 6 ft. The earliest deciduous shrub to flower, its leafless branches displaying the brilliant rosy-red flowers in January, and if cut before that time and placed in water in the house they will often open up even in December. 2-3 ft., \$1.50; 3-4 ft., \$2.00.

## Blood Red Quince

*C. lag. rubra grandiflora*. DF4. 6 ft. Immense great blood-red blooms, borne in great profusion over the entire plant. Also blooms with the very earliest in January and February. Cut in the bud stage, they will open in beautiful shades of pink in the house. 2-3 ft., \$1.50; 3-5 ft., \$2.00.

*C. lag. candida*. DF2. 6 ft. Its sprays of large snowy-white flowers are very lovely and when cut for the house, make exquisite table decorations, keeping for many days. Often sets two crops of blooms, one in early winter and the other in the late spring. 2-3 ft., \$1.50; 3-5 ft., \$2.00.

## Golden Bells

*Forsythia fortunei*. DF6A. "Golden Bells." 8 ft. Below 0°. Showy yellow flowers borne in great profusion along the slender branches in late winter and early spring. One of the first spring flowering shrubs to bloom. 3-5 ft., \$1.75.

## Snowdrop Tree

*Halesia carolina*. DS4. "Snowdrop Tree" or "Silver Bells." 8-20 ft. 5°. One of the most beautiful sights seen in any garden. Every horizontal branch in the spring hangs full of little pendulous white, bell-shaped flowers, like little silver bells. You can almost imagine them tinkling as you gently shake a branch. Likes shelter from the hottest sun and plenty of moisture. Splendid for the edge of the lawn. Nothing finer for cut flower material. 3-5 ft., \$2.25; 5-7 ft., \$3.00.

## Three Big Salesyards

To save rubber, visit the Armstrong Display Yard nearest you. Our home Display Yard is at Ontario, 408 North Euclid Ave.; North Hollywood Branch at 12908 Magnolia Blvd.; and our Culver City Branch at 4440 Sepulveda Blvd. No other branches or agents.

## Blue Stars

*Hydrangea villosa*. DS4A. "Blue Star Hydrangea." 4-6 ft. 10°. You really have a thrill coming when you glimpse the first magnificently colored flower head of this new Hydrangea, which was only discovered in remote China a few years ago. Six-inch flat heads of big, 1 1/2-inch blooms in the most delightful and dainty shade of porcelain-blue that you have ever seen. Much daintier than the ordinary Hydrangea and with handsome big summer foliage, too. Likes plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Wistaria Bush

*Indigofera gerardiana*. DS4C. "Wistaria Bush." 6 ft. 15°. A handsomely foliaged spreading shrub with rich dark green acacia-like foliage, carrying in the middle of summer many 6-inch clusters of rose-colored flowers which look like Wistaria blossoms. The combination of lacy foliage and bright colored blooms makes a picture hard to beat. Easy to grow. Full sun or part shade. Gal. tins, \$1.00; 5-gal. tins, \$2.75; 2-3 ft., \$2.25.

## Beautybush

*Kolkwitzia amabilis*. DS5. "Beautybush." 6 ft. 0°. A fine hardy flowering shrub from Central China, forming a beautifully foliaged bush, fountain-like in habit, every branch in the spring becoming a plume of lovely bell-shaped pink blossoms, mottled with orange. A shrub that will thrive almost everywhere in sun or shade. Extremes of heat, cold and wind do not bother it. Requires little attention but provides much beauty. Gal. tins, \$1.00; bare root, 2-3 ft., \$2.00.

## Crepe Myrtle

*Lagerstroemia indica*. During the hot summer days of July, August and September the Crepe Myrtles are masses of brilliant color. They do not bloom so well directly on the coast, but in the inland valleys of California their crinkled crepe-like flowers are produced in great profusion. The larger kinds become almost tree-like. 12°.

Prices on all Crepe Myrtles except White. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Pink Crepe Myrtle.** DF9. 10-20 ft. Lovely pastel pink.

**Red Crepe Myrtle.** DF10. 10-15 ft. Rich watermelon-red.

**White Crepe Myrtle.** DF11. Big, snowy white blossoms. Rarely seen because it is difficult to propagate. Ours are grafted plants. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

**Dwarf Red Crepe Myrtle.** DF8. Watermelon-red. Reaches 8 feet.

**Dwarf Blue Crepe Myrtle.** DF7. 8-10 ft. A beautiful dwarf lavender-blue.

## Star Magnolia

*Magnolia stellata*. DS12. "Star Magnolia." 5-8 ft. 10°. The first of the Chinese Magnolias to open its blooms in the spring and possibly the most charming. Star-shaped, snowy white blossoms, 3 inches across, with about 15 narrow petals. They cover the entire bush and every plant that we sell should have blooms during the next flowering season. Sweetly fragrant, too. 5-gal. tins, \$4.00; balled, 1 1/2-2 ft., \$5.00; 2-3 ft., \$7.50.

# Spring Flowering Shrubs

## Chinese Magnolias

**Magnolia liliiflora nigra.** DS7. 8-10 ft. 10°. In gardens the world over the deciduous spring flowering Magnolias are much loved and admired for their great lily-like blooms in the Spring. This particular kind does not get too large for the average garden, and it blooms with great profusion. The plants are covered for almost three months in March, April and May with the beautiful flowers which become 5½ inches across when fully open, rich reddish purple on the outside and creamy white inside. Sun. Plenty of moisture. The larger plants listed will have flower buds in the winter. 5-gal. tins, \$4.00; balled, 2-3 ft., \$6.00; 3-4 ft., \$10.00.

**Magnolia salicifolia fastigiata.** DS8A. "Anise Magnolia." 15-20 ft. A much branched, upright tree which each spring gracefully displays a lavish show of pure white, fragrant informal 6-petalled star flowers, 4 inches across. The big leaves don't come out on any of these Magnolias until the month-long flower show is over, and then they quickly clothe the bare twigs. When you rub the twigs of this one you release the fragrance of anise and lemon verbena. 3-4 ft., \$6.00; 4-6 ft., \$7.50; 6-8 ft., \$12.50.

**Magnolia soulangeana White.** DS11. "Giant White Saucer Magnolia." 8-10 ft. 10°. A magnificent big bloom, often 7 or 8 inches across, pure white inside, tinted lightly with pinkish lavender on the outside of the petals. The huge cup-shaped flowers cover the entire plant, which is most spectacular when in full bloom. Balled, 2-3 ft., \$6.00; 3-4 ft., \$10.00; 4-5 ft., \$12.50.

## Sweet Fragrance

**Philadelphus lemoinei Belle Etoile.** DS14. "Purple Spot Mock Orange." 6 ft. 0°. A new Philadelphus, quite rare in this country. Its big, white, saucer-shaped flowers, 1½ inches across, have purple spots at the base of each snowy white petal, lending a touch of bright color to the snowy white. Also this variety has a powerful and exceedingly enchanting fruity scent. Easy to grow anywhere and always a mass of flowers in the late spring. Sun or part shade. Philadelphus are often incorrectly called Syringas. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Philadelphus virginialis.** DS15. 6-8 ft. 0°. A greatly improved form of Philadelphus (the old-fashioned flower often incorrectly called Syringa) with enormous snowy white flowers, 3 inches across, so surpassingly fragrant that they perfume the air for many feet around the plant. It is one of the most delightful spring flowering shrubs and the cut sprays make wonderful indoor decorations. Easily grown anywhere. Sun or part shade. Gal. tins, 80c; 5-gal. tins, \$2.50; 3-4 ft., \$2.00; 4-5 ft., \$2.50.

## Manchu Cherry

**Prunus tomentosa.** DF19. "Manchu Cherry." 5 ft. 5°. This shrub to us typifies the virtues possessed by the ancient country of its birth, China. Fruitful: The delicious little red cherries crowd each other all up and down the many branches. Beautiful: In the spring many white blooms lay tight against twigs amply provided with large, interestingly textured, green foliage, and in June the crimson fruit shines out like rubies. Stands adversities: Wind, cold, heat, lack of rich soil don't keep it from fruiting. You will enjoy the fruit fresh-picked from the bush, in cherry pies and preserves. This Armstrong strain was selected from three superior types which in turn were selected from thousands of seedlings by the U. S. Department of Agriculture. The only Bush Cherry which has been successful in Southern California, even though other kinds have been much advertised and sold. These plants are cutting grown so you are sure to get a sure-bearing, large fruited specimen. Bare root or 5-gal. tins, \$2.75.

## Spirea

**Spirea vanhouttei.** DS18. "Bridal Wreath." Below 0°. 6 ft. A charming shrub of moderate size which almost everybody knows and wants to enjoy in their garden. Fountaining branches are loaded with their white flowers in spring. 2-3 ft., \$1.25; 3-4 ft., \$1.50.

**Spirea cantoniensis.** DS17. "Double Bridal Wreath." 5 ft. Below 0°. Like the above, but slightly smaller and the flowers are double, borne in great profusion. 2-3 ft., \$1.25; 3-4 ft., \$1.50.

**Spirea bumalda Anthony Waterer.** DS16. "Dwarf Red Spirea." 2 ft. Below 0°. Makes a compact little clump entirely covered with light rosy red flower heads in the spring. Gal. tins, 80c.

## Persian Lilac

**Syringa persica laciniata.** DS21. "Feathered Persian Lilac." 6 ft. Below 0°. This is the finest Lilac for Southern California because it likes our dry summers and warm winters and can always be counted upon to display innumerable panicles of bright lavender flowers over the entire plant in the early spring. It has long arching branches, dainty fern-like foliage, and you can cut great quantities of sweetly fragrant lavender blooms from it in the flowering season. See illustration in color on page 34. Gal. tins, 70c; 5-gal. tins, \$2.25; 4-5 ft., \$2.75.

## Eastern Lilacs

**Syringa.** The old-fashioned Lilac with its sweet-scented, delicately colored flowers does well in the colder winter climates of California, but does not bloom as freely in the lower coastal valleys. 0°. All varieties, 2-year plants, \$1.75.

**Armstrong Lilacs** are cutting grown and do not sucker from the root. Beware of Lilacs grafted on California Privet which are often sold, but which will always cause you trouble by sending up Privet shoots from below the ground.

**Mme. Lemoine.** DS20. Double white.

**Michael Buchner.** DS19. Double blooms a rare shade of rich violet-pink.

**Pascal.** DS20A. Clear pastel lilac. Single.

**Single Purple.** DS23. Old-fashioned kind.

**Single White.** DS22A. Like the old-fashioned purple, but pure white.

**Vauban.** DS22. Double, purplish lilac.

## Pink Tamarix

**Tamarix parviflora.** DS24. "Feathery Pink Tamarix." 15 ft. 5°. A large shrub with reddish bark and slender, spreading branches, covered in spring and early summer with feathery, pink flowers. Thrives even in alkali, dry desert locations, or where hit by ocean spray. 4-6 ft., \$1.50; 6-8 ft., \$2.25.

## Korean Spice

**Viburnum carlesii.** DS25. "Korean Spice Viburnum." 5 ft. 0°. Many of our customers rate Viburnum carlesii as one of their ten favorite fragrant shrubs. The delicate coral-pink blooms, which become pearl-white as they open, possess a most intense yet delightfully refreshing perfume. A native of the stern climate of Korea, it is hardy everywhere. The dwarf bushy plants are without their greyish-green foliage for only a few fleeting weeks in winter, the leaves turning brilliant red before they fall. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Old-Time Snowball

**Viburnum opulus s'evile.** DS26. "Old-Fashioned Snowball." 8 to 10 ft. Below 0°. The favorite old-fashioned shrub, producing an abundance of white globular flower clusters in May and June. Grows anywhere, in any soil under all climatic conditions. 1-2 ft., \$1.50.



The deep scarlet blooms of Flowering Quince appear in California in the middle of winter.

## The Blue Chaste Tree

**Vitex agnuscastus latifolia.** DS27. "Blue Chaste Tree." 8 ft. 0°. Good blue flowering plants are scarce. This hardy one is covered in June with 8-inch spikes of bright lavender-blue flowers. Cut the faded blooms and you get more in August. It will be one of the finest flowering plants in your garden during that period--never fails to bloom. Grows easily anywhere in any soil, but prefers a sunny position. 3-4 ft., \$2.00; 4-5 ft., \$2.50; 5-gal. tins, \$2.75.

## Free Flowering Weigelas

**Weigela florida.** DS29. "Old-Fashioned Pink Weigela." 6 ft. 0°. The large clusters of trumpet-shaped, bright pink flowers make a wonderful display in the spring and early summer, nestled in the bright green foliage. 3-4 ft., \$1.50; 4-6 ft., \$2.25.

**Weigela Eva Rathke.** DS28. "Red Weigela." 4 ft. 0°. Rich ruby-red flowers all summer and fall on a more bushy plant. 2-3 ft., \$1.25.

**Weigela Ideal.** DS30. "Dark Pink Weigela." 0°. Similar to Weigela florida but with larger flowers in a deeper, richer shade of pink. 2-3 ft., \$1.50.

Flower heads of Korean Spice Viburnum (2 in. across).





# Deciduous Shade Trees

These trees, which lose their leaves in winter, grow easily anywhere, including the desert regions. They give cool summer shade in the hot season and the soothing warmth of sunshine in winter. Most of them grow very rapidly. In addition to the sizes given on these pages, we have larger specimens of most of these trees. See them at our Display Yards. Sizes and prices given upon request.

**Quantity Discount.** When you purchase 10 or more of one kind of deciduous shade tree, deduct 10% from the listed each price. For instance, California Sycamore is listed at \$2.00 in the 6-8 ft. size. If you order 10 of them, deduct 10% of this price, or 20c, which would make them cost you \$1.80 each. This discount applies to 10 of one variety and does not cover an assortment of 10 different kinds.

**Shipping Weights.** Bare root deciduous trees weigh, packed for shipment, as follows: 4-6 ft., 5 lbs.; 6-8 ft., 7 lbs.; 8-10 ft., 10 lbs.; 10-12 ft., 16 lbs. These weights are for one tree. Each additional tree will weigh about 20% less. 5-gal. tins weigh 50 lbs. each. See shipping costs and information page 41.

Please include both name and code number of each variety ordered, on your order sheet.

## Chinese Flame Tree

*Koelreuteria bipinnata*. DT10. "Chinese Flame Tree." 20-30 ft. 0°. Here is the finest new deciduous shade tree introduced recently. It forms a rounded, compact head, with great long, pinnate, deep green leaves, exceedingly handsome. The large, bladder-like seed-pods, born in late summer and early fall, are brilliant orange-red. Gal. tins, \$1.00; bare root or 5-gal. tins, 4-6 ft., \$2.75.

## Sweet Gum

*Liquidambar styraciflua*. DT11. "Sweet Gum." 30 ft. 20° below zero. This is one tree which provides just as much color in the fall in California as it does in the East, and in November and December it is a solid pyramid of rich shades of gorgeous red. A splendid small parkway tree. Thrives anywhere from the ocean front to desert valleys. 5-gal. tins or balled, 4-5 ft., \$2.75; balled, 5-6 ft., \$3.50.

## Tulip Tree

*Liriodendron tulipifera*. DT12. "Tulip Tree." 75 ft. 20° below zero. A favorite because the tall, well formed, pyramidal trees are deep rooted and well furnished with uniquely notched 5-inch leaves. Tulip-like flowers of yellowish orange, in the spring, shine out against the clear light bluish-green foliage, which assumes its autumn color, a vivid shimmering yellow in early fall. Insects and decay stay away. 4-6 ft., \$2.50; 6-8 ft., \$3.00; 8-10 ft., \$4.00; 10-12 ft., \$5.00.

## Umbrella Tree

*Melia azedarach umbraculiformis*. DT13. "Texas Umbrella." 30 ft. 0°. A splendid fast growing tree for either coastal regions or hot interior valleys. The branches radiate from the trunk to form a large, rounded umbrella, densely covered with fern-like leaves and in summer large panicles of lavender flowers. 6-8 ft., \$2.25; 8-10 ft., \$2.75; 10-12 ft., \$4.00; 12-14 ft., \$8.50.

## Mulberries

*Morus nigra*. DT16. "Persian Mulberry." 10-15 ft. 0°. If you are planting a Mulberry primarily for the fruit, then this is the variety you want, for it has the largest and finest fruit of all, two inches long, juicy and aromatic, splendid for juice or preserves. The tree is smaller than the other Mulberries. 2-3 ft., \$1.75; 3-4 ft., \$2.00; 4-5 ft., \$2.50.

*Morus rubra*. DT17. "Hicks Mulberry." 40 ft. 20° below zero. A strong, upright, fast-growing tree with dense foliage, thriving anywhere and furnishing excellent shade. Bears good sized delicious black berries. A tree for the bird-lover, whether it be robins or only White Leghorns. Splendid for chicken runs. 10-12 ft., \$2.50; 14-16 ft., \$4.00.

*Morus Kingan*. DT15. 30 ft. 5° below zero. One of the finest shade trees for any region, particularly the desert sections, for it gives dense shade in an amazingly short time and stands any amount of heat, drought, cold and alkali. For street and many garden locations, fruit on a Mulberry is undesirable, and this variety is absolutely fruitless. Only the Chinese Elm can compete with it for vigor and all-around desirability in the hot climates. 6-8 ft., \$2.00; 8-10 ft., \$2.50; 10-12 ft., \$3.50.

## Weeping Mulberry

*Morus alba pendula*. DT14. "Weeping Mulberry." 8 ft. 5° below zero. From a height of eight feet the branches of this beautiful little weeping tree curve gracefully right to the ground, forming a dense umbrella-shaped head which may be left to grow naturally as a beautiful lawn specimen or may be trained out horizontally over a frame-work to make a wide roof of living green. Grows anywhere. 2-yr., 7-8 ft., \$3.50.

## Maple Trees

*Acer buergerianum*. DT1. "Trident Maple." 15 ft. If you want a small Maple tree with brilliant fall color, this is it. It will fit into the average home garden easily because of its small size, and it has typical, beautifully shaped, 3-inch, maple leaves in a rounded compact head. Magnificent red and bronze shades in fall. Grows easily anywhere. Full sun. Gal. tins, 80c.

*Acer macrophyllum*. DT2. "Bigleaf Maple." 60 ft. 0°. Big deep green leaves, a foot across, and amazingly rapid in growth when young. It makes a beautiful, big, spreading densely-foliaged tree in a very short time. The best of the large growing Maples for the Pacific Coast except that it has little autumn color. 5-gal. tins, \$2.50.

*Acer saccharinum*. DT3. "Silver Maple." 60 ft. 10° below zero. This Maple grows readily anywhere on the Pacific Coast and makes a beautiful, fast growing shade tree. Displays every fall leaves of the glorious autumn shades. 6-8 ft., \$1.75; 8-10 ft., \$2.50; 10-12 ft., \$3.00; 12-14 ft., \$4.50.

*Acer palmatum atropurpureum*. DT2A. "Red Leaved Japanese Maple." 6-10 ft. 10° below zero. A beautiful small tree or large shrub, with graceful, elegant, deeply cut maple leaves, rich red in color all through the season. A rich spot of color wherever planted. Best in part shade, with plenty of moisture. Grafted plants with the most handsome type of foliage. Balled or 5-gal. tins, 3-4 ft., \$7.50.

## White Birch

*Betula alba*. DT4. "European White Birch." 30 ft. 20° below zero. Its picturesque white bark, dancing, shimmering foliage and slender, graceful shape make the White Birch a favorite everywhere. It is particularly desirable near streams or pools. 4-6 ft., \$1.50; 6-8 ft., \$2.25; 8-10 ft., \$3.00.

*Betula pendula laciniata*. DT4A. "Cut-leaf Weeping Birch." 20 ft. 20° below zero. The beautiful weeping Birch with a straight, snowy-white trunk from which the bark peels, deeply cut leaves, and slender pendulous branches. Bare root or 5-gal. tins, \$4.00.

## Hackberry

*Celtis occidentalis*. DT5. "Hackberry." 60-80 ft. 0°. A fine shade tree for the hot, dry southwestern country, forming a large, widespreading head of light green foliage. Is not affected by any insects or fungi, and grows in any soil and under all conditions. We recommend it highly for Imperial Valley and Arizona. 6-8 ft., \$2.00; 8-10 ft., \$2.50.



Weeping Willow for graceful shade. See next page.

As indicated on the calendar below, most deciduous shade trees are available in the bare root form only during the winter months. Some kinds are available in tins during the summer.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root												
Tins												

## Montebello Ash

*Fraxinus velutina coriacea*. DT8. "Montebello Ash." 25-30 ft. 5°. Our finest Ash for all sections, coast, valley, and desert, with bigger, darker green foliage, a more dense, compact head, not attacked by that enemy of the Ash, red spider. No bothersome seedpods to clean up either. Just right in size for the average parkway or small garden. Holds its foliage late in the fall and comes out early in the spring. We have discontinued the Modesto Ash, a similar type, in favor of this improved variety. 6-8 ft., \$2.50; 8-10 ft., \$3.00; 10-12 ft., \$4.00.

*Fraxinus velutina*. DT7. "Arizona Ash." 30 ft. 0°. One of the finest trees for planting in the arid desert sections of the Southwest, although it makes a splendid tree near the coast as well. It requires little water and thrives in alkaline soil, growing with great rapidity. 4-6 ft., \$1.50; 6-8 ft., \$2.00.

Clump of Young California Sycamores.



## Plane Tree

**Platanus acerifolia.** DT19. "European Sycamore," "London Plane." 60 ft. 20°. One of the finest deciduous shade and street trees in existence. Grows rapidly, has large maple-like, bright green leaves, is symmetrical and uniform in shape, and grows almost anywhere. Makes a dense shade and may be heavily pruned if desired. An all-purpose tree for summer shade. 6-8 ft., \$2.00; 8-10 ft., \$2.50. We have a few larger specimen trees, priced individually.

## California Sycamore

**Platanus racemosa.** DT20. "California Sycamore." 60 ft. 0°. Throughout all of California this has been one of the most popular home shade trees, and is undoubtedly the most beautiful native California deciduous tree, with its picturesque green foliage and irregular mottled white trunk. Grows easily anywhere and is indifferent to soil or moisture, making a particularly fine tree for lawn specimen. 6-8 ft., \$2.00; 8-10 ft., \$2.50. For those who want immediate results, we have very large specimens which are priced individually. You will want to see and hand-pick the specimen which will best fit into your planting.

## Chinese Pistachio

**Pistacia chinensis.** DT18. "Chinese Pistachio." 20-40 ft. 5°. A handsome round-headed tree with attractive pinnate foliage. Before the leaves drop they turn brilliant glowing hues of scarlet and crimson. In the fall of the year it is one of the most beautiful trees that can be found, and even in Southern California it has magnificent autumn colors. The Pistachio is always a mass of brilliant glowing yellow, scarlet and crimson. Grows well anywhere from seacoast to desert. This is not the tree that bears the Pistachio nuts. See page 12 for the nut bearing Pistachio. 6-8 ft., \$2.50; 8-10 ft., \$3.00.

## Lombardy Poplars

**Populus nigra italica.** DT21. "Lombardy Poplar." 50-75 ft. 20° below zero. The tall, slender, narrow Poplar so valuable for lining driveways, tall border planting, or for accentuating certain types of architecture. Grows very rapidly. 6-8 ft., \$1.50; 8-10 ft., \$2.00.

## Cottonless Cottonwood

**Populus fremonti** Thonber. DT22. "Thonber Cottonwood." 50-75 ft. 0°. A splendid fast growing large shade tree for Arizona and the inland arid sections. Very large size, vigorous growth, clean white bark and handsome foliage of the Cottonwood but with none of the bothersome "cotton" so objectionable on many Cottonwoods. 6-8 ft., \$1.50; 8-10 ft., \$2.

## Weeping Willow

**Salix babylonica.** DT23. 40 ft. 0° The well-known picturesque "Weeping Willow." Large, spreading top and long pendulous branches. Thrives in dry or wet soils and grows rapidly. 6-8 ft., \$1.75.

## Chinese Elm

**Ulmus pumila.** DT23A. "Chinese Elm." 40-60 ft. 0°. No tree in our entire list will exceed this one for rapidity of growth, and it is being very widely planted all over the country, particularly in dry interior sections, because it adapts itself to any climate and is indifferent to extremes of heat, cold, drought and alkali. It is one tree which can be planted anywhere and which will be certain to succeed. A good-looking tree, too, giving plenty of shade. 6-8 ft., \$1.75; 8-10 ft., \$2.25. Large specimens priced on request.

If you live in Los Angeles or the beach cities, visit our new Culver City Display Yards at 4440 Sepulveda Blvd., four blocks below Culver Blvd.



Flowering Cherry Daybreak—Thousands of lovely pink blooms (twice as large as above).

# Spring Flowering Trees

## Flowering Cherries

**Flowering Cherry Daybreak.** DF16. 10-15 ft. 0°. Flowering Cherries have an exquisite loveliness all their own. Every California garden should have at least one to welcome spring, and there is none better for Southern California than this beautiful kind. We guarantee that it will provide a profusion of beautiful blooms for many days every spring. The very large, single, pink flowers appear before the leaves in such profusion that the tree is a foamy mass of pink. Give it a reasonable amount of water in the summer and a west or east exposure and you will have a magnificent show every year. 2-3 ft., \$1.50.

## Flowering Apricot

**Flowering Apricot.** "Dawn." DF17. 8-10 ft. 0°. This is one of the most beautiful spring flowering deciduous trees that can be imagined. The 1½ to 2 inch, fully double flowers are borne thickly along the reddish brown branches before the leaves appear, the color is deep rose-pink. One of the most delightful things about this lovely tree is the spicy fragrance of the blooms which perfume the atmosphere for many yards around the tree. It carries its blooms for a number of weeks and is a good looking little tree the rest of the year too. Sun or part shade. 4-6 ft., \$1.50.

## Purple-Leaved Plum

**Prunus pissardi.** DF17A. 5°. An excellent flowering Plum with deep purple foliage, the entire tree absolutely covered with small, pale pink blooms in the spring. Because of its unusual color and handsome flowers, it has long been one of the most popular of the flowering fruit trees. Provides excellent material for cut sprays in the house. 4-6 ft., \$1.50.

**Bechtel's Double Rose Flowering Crab.** Violet Scented. (Reduced two-thirds.)



## Flowering Crab Apples

Even one Flowering Crab in a garden will provide a delicate spot of color so delightful and picturesque that its blooming period will be one of the important events of the year. Below zero.

**Malus purpurea Aldenham.** DF14. "Aldenham Crab." 8-15 ft. Its richly colored, semi-double blood-red flowers are the loveliest of all the Crabs and are borne against purplish bronze foliage, which in itself is very beautiful. The flowers are followed by purplish red, 1-inch fruits. 4-6 ft., \$1.50; 6-7 ft., \$1.75.

**Malus arnoldiana.** DF12. "Arnold Crab." 8-10 ft. Dwarf and bushy with very large rose colored flowers, turning white as they age. 4-6 ft., \$1.50.

**M. ioensis Bechtel.** DF13. "Bechtel's Double Rose Flowering Crab." 8-12 ft. Covered in early spring, just after the foliage appears, with large, beautifully, fully double flowers like small roses in a soft, delicate pink color, deliciously violet-scented. Exceedingly free flowering. 2-3 ft., \$1.50; 3-4 ft., \$2.00.

## Flowering Peaches

For spring color nothing excels the Flowering Peaches, which grow with the greatest ease anywhere and never fail to produce a great profusion of bloom. The trees are not only a source of great admiration in the garden but they enjoy having their branches cut for indoor use. 0°. The price on all varieties below, 4-6 ft., \$1.25.

**Early Rose Pink.** DF14A. The earliest of all.

**Early Red.** DF14B. A magnificent ruby-red.

**Pure White.** DF14C. Immense snow-white blooms.

**Peppermint.** DF14D. Striped pink, red and white. Very showy.

The showy spring blooms of Flowering Peach.



# Coniferous Evergreens

The Conifers or Cone-bearing Evergreens include many trees and shrubs, almost all of them with needle or scale-like evergreen foliage. Most are native to cold climates, and are admirably suited to mountain regions and other areas where the temperatures are low. However, most of them do equally well anywhere in the California valleys or coastal regions.

The sizes given in the descriptions below are ultimate sizes and may not be attained for many, many years. Minimum temperatures are approximate only.

**Quantity Discount.** When you purchase 10 or more of one kind of conifer, deduct 10% from the listed each price. For instance, *Cupressus forbesi* is listed at 70c each in gal. tins. If you order 10 of them, deduct 10% of this price, or 7c, which would make them cost you 63c each. This discount applies to 10 of one variety of plant and does not cover an assortment of 10 different kinds.

**Shipping Weights.** Most conifers are shipped with a ball of earth on the roots. The average weights, packed for shipment, are: 2-3 ft., 25 lbs.; 3-4 ft., 35 lbs.; 4-5 ft., 45 lbs.; 5-6 ft., 60 lbs.; 6-8 ft., 75 lbs. Plants in gallon tins weigh 10 lbs. and in 5-gallon tins 50 lbs. See page 41 for costs.

## Blue Spanish Fir

*Abies pinsapo glauca*. Cb. "Blue Spanish Fir." 20-60 ft. 5° below zero. A trim, symmetrical, conical tree with many stiff branchlets, soft blue-green in color. It is much more adapted to the drier parts of the Southwest than most other conifers and stands dry heat better too. Easy to grow. Balled, 1½-2 ft., \$4.00; 2-3 ft., \$5.00.

## Blue Lawson Cypress

*Chamaecyparis lawsoniana* Scarab. C4. (alum.) "Blue Lawson Cypress." 6-12 ft. 0°. Popular because of the beautiful metallic silvery-blue color and the symmetrical pyramidal habit of growth. Thrives anywhere in the West except in desert sections. Slow grower. Balled, 2-3 ft., \$3.00; 3-4 ft., \$4.00.

## Fast Growing Hedge

*Cupressus forbesi*. C6. "Tecate Cypress." 15-20 ft. 10°. A little known native California Cypress, the great value of which was first demonstrated in the Rancho Santa Ana Botanic Garden. It has almost entirely displaced the Monterey Cypress since that variety is very short-lived due to attacks of fungus and borers. There are many strains of *Cupressus forbesi*, but the Armstrong strain is the fastest growing and best shaped tree of all that we have observed. The plants grow with extreme rapidity, and we have observed trees planted 6 feet apart when only 6 inches high which in 30 months were from 11 to 13 feet high and had completely filled in as a solid hedge. The beautiful silvery green foliage fills in thickly and does not die out in the center. It makes a beautiful specimen tree also, forming a tall, compact column of silvery green foliage in a very short time. For windbreak plant 6 to 8 feet apart. Flats of 100 small plants, \$5.50 per 100; gal. tins, 70c; 5-gal. tins, \$2.25.

*Cupressus arizonica*. C5. "Arizona Cypress." 20-40 ft. 10°. A beautiful bluish-green cypress of narrow pyramidal form from the mountains of Arizona and Northern Mexico. A handsome tree for desert sections, and when planted in hedge form makes an excellent windbreak. Flats of 100 small plants, \$4.50; gal. tins, 70c; 5-gal. tins, \$2.25.

## Prostrate Junipers

**Sizes Determined by Spread, Not Height.**  
*Juniperus conferta*. C15. "Shore Juniper." 5° below zero. Never more than 1 foot high and spreading to 7 or 8 feet, this Creeping Juniper does well anywhere in California, except in the deserts. The dense dark green foliage is very attractive. Gal. tins, \$1.00.

*J. sabina* Tamarix. C18. (tamariscifolia.) "Spreading Savin Juniper." 5° below zero. A dense, compact mound of gray-green foliage, spreading to 5 or 6 feet but never more than 18 inches high. The foliage never changes color, and there is nothing finer for a corner where a low, spreading plant is wanted. Gal. tins, \$1.00; 5-gal. tins or balled, 1½-2 ft., \$2.75; balled, 2-3 ft., \$3.25; 3-4 ft., \$4.00.

*J. chinensis* San Jose. C11. "San Jose Creeping Juniper." 5° below zero. Never more than about a foot high, it makes a spreading 4 to 5 foot low mound of beautiful grey-green foliage, richer in color than the Spreading Savin Juniper and somewhat lower in growth. It grows with the greatest of ease in almost any climate, hot or cold. It's quite new and we think it is one of the very best low spreading Junipers that we have ever grown. Gal. tins, \$1.00; balled, 1½-2 ft., \$2.75; 2-3 ft., \$3.50.

## Semi-Prostrate Junipers

*Juniperus chinensis* Plüzer. C12. "Plüzer Juniper." 6-8 ft. 10° below zero. Has bushy, wide-spread, horizontal branches, and forms an immense flat, irregular head of bluish-green foliage, graceful in outline, 6-8 feet in height and the same across. Heat or cold, sun or shade, seacoast or desert, it does equally well under all conditions. 5-gal. tins or balled, 2-3 ft., \$2.75; balled, 3-4 ft., \$3.50; 4-5 ft., \$5.00.

*J. chinensis* Armstrong. C9. "Armstrong Spreading Juniper." 10° below zero. One of the finest dwarf evergreens is this hybrid Juniper, which makes a dense mass of soft gray-green foliage about 2 feet high and becoming about 5 feet across. Splendid for the foreground of any planting, thriving equally well in sun or shade and adapting itself to any climate. Gal. tins, \$1.00; 5-gal. tins or balled, 1½-2 ft., \$2.75; balled, 2-3 ft., \$3.00.

## Upright Junipers

*Juniperus chinensis* Blue Columnar. C10. 10 ft. 10° below zero. A tall, narrow column with bright blue-green dense foliage. Long-lived and handsome, thriving in any climate. Balled, 4-6 ft., \$4.00; 6-8 ft., \$8.50.

*J. chinensis* Twisted. C13. (torulosa.) 6-8 ft. 5° below zero. A semi-dwarfed, picturesque plant with densely crowded, tufted, twisted branches which looks as if it had been trained artificially. For picturesque beauty it is without equal. Sun or half shade. 5-gal. tins, \$3.00; balled, 2-3 ft., \$3.50.

## Narrow Irish Juniper

*Juniperus communis* hibernica. C14. "Narrow Irish Juniper." 6-8 ft. 5° below zero. A very narrow and erect columnar plant, similar in shape to Italian Cypress but staying much smaller and entirely different color—gray blue-green. A very attractive conifer for framing doorways or accenting columns, where great height is not desired. Eventually becomes about 1½ ft. to 2 ft. in diameter, but seldom exceeds 6 or 8 ft. in height. See illustration opposite page. Full sun or semi-shade. Balled, 2-3 ft., \$2.50; 3-4 ft., \$3.50; 4-6 ft., \$5.00.

*Juniperus occidentalis*. C16. "Columnar Sierra Juniper." 10-20 ft. 20° below zero. A magnificent tall, slender form of the beautiful Sierra Juniper which is native to the Sierra Nevada Mountains. It makes a tall, slender, compact column without any pruning whatsoever and grows easily in any Southwestern climate. Balled, 2-3 ft., \$2.75; 3-4 ft., \$3.75.

*Juniperus pachyphloea*. Silver. C-17. "Silver Alligator Juniper." 8 ft. 0°. A beautiful dwarf form of the Alligator Juniper, native to Arizona and New Mexico. It makes a loose, round-topped shrub, with most intense brilliant silvery blue foliage, more brilliant than any other conifer that we grow. Hardy anywhere in western United States. Balled, 3-4 ft., \$2.75; 4-6 ft., \$4.00; 6-8 ft., \$6.00.



Hedge of quick growing Tecate Cypress photographed at the Rancho Santa Ana Botanic Garden, where its merits were first demonstrated. These plants are 12 feet high and are about 2½ years old.

## Live Christmas Trees

*Cedrus deodara*. C2. "Deodar." 25-75 ft. 0°. This famous Cedar from the Himalaya Mountains has silvery blue-green foliage and is especially adapted to our Southwestern climate. The ordinary seedling type grows very large and takes plenty of room. For most planters we recommend the smaller, more symmetrical Armstrong Compact Deodar below. Gal. tins, \$1.00; large specimens, boxed, \$25.00 up.

*Cedrus deodara compacta*. C3. "Armstrong Compact Deodar." This selected Armstrong strain of the Deodar, which we grow as grafted trees, is much more suited to the average home planting than the very large, more irregular seedling Deodar. It is dense, compact, trim and symmetrical; also grows more slowly and seldom exceeds 25 or 30 feet in height. They make beautiful outdoor Christmas trees to decorate. Gal. tins, \$1.25; balled, 3-4 ft., \$4.50; 4-5 ft., \$6.00; 5-6 ft., \$8.50; 6-8 ft., \$10.00.

*Cedrus atlantica glauca*. C1. "Blue Atlas Cedar." 20-40 ft. 0°. Beautiful, symmetrical with foliage of intense silvery blue. It has a straight central trunk with many rather stiff semi-upright side branches, and its beautiful blue color makes it stand out. Gal. tins, \$1.25; balled, 4-5 ft., \$6.00; 8-10 ft., \$25.00; large specimens priced on request.

## Italian Cypress

*Cupressus sempervirens*. C7. "Italian Cypress." 20-60 ft. 5°. Tall, slender, green spires, invaluable as accent points in the landscape planting. Our trees are the true narrow type, holding their slender shape permanently. Gal. tins, 80c; 6-8 ft., \$5.00; 8-10 ft., \$7.50; large specimens in 20-inch boxes, \$20.00.

Stately, long-lived Incense Cedar.





The black squares under every month below indicate that you can plant conifers during any month in the year.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Ball or Tins												

## Armstrong Arborvitae

**Thuja orientalis Beverly Hills. C31.** (beverleyensis.) "Golden Column Arborvitae." 15 to 20 ft. The tallest and stateliest of the Chinese Arborvitae, growing into a narrow column of golden-green foliage, particularly effective for specimen planting or for framing a doorway. Needs full sunshine to bring out the rich golden color. Balled, 3-4 ft., \$2.50; 4-5 ft., \$4.00; 5-6 ft., \$5.00.

**Thuja orientalis Baker. C29.** 10-12 ft. 5° below zero. A tall, narrow column of bright green foliage. A little broader at the base and not quite so fast growing as the Pyramidal below. Balled, 2-3 ft., \$1.75; 3-4 ft., \$2.50; 4-5 ft., \$3.00.

**Thuja orientalis Pyramidal. C33.** "Green Pyramid Arborvitae." 10-12 ft. 5° below zero. A tall, narrow column of bright green foliage. Fast growing and thriving anywhere in any climate. Balled, 2-3 ft., \$1.75; 3-4 ft., \$2.50; 4-5 ft., \$3.00.

**Thuja orientalis Yellow Column. C34.** (elegantissima.) "Golden Pyramid Arborvitae." 12-15 ft. 5° below zero. Similar to Beverly Hills but not as tall, with a broader, more bushy base. The green foliage is tipped with golden bronze. Balled, 3-4 ft., \$2.50; 4-5 ft., \$4.00; 5-6 ft., \$5.00; 6-7 ft., \$7.50.

**Thuja orientalis Compact. C32A.** 6-8 ft. 0°. A dwarf compact cone of green all year regardless of cold, sun, wind or rain. Small growing enough to make a good long-lasting accent for planting on either side of steps or to mark on entrance. Balled, 2½-3 ft., \$3.00; 3-4 ft., \$4.00.

Narrow Irish Juniper makes a beautiful, dense, blue-green column.

## Purple Pyramid

**Juniperus virginiana Purple Pyramid. C19A.** 8-15 ft. 20° below zero. Makes a tall, narrow column, 2 to 3 feet thick at the base and gradually narrowing to a point at the top. Bluish green in spring and summer, purplish plum colored in fall and winter. Hardy and easily grown any place. Balled, 3-4 ft., \$3.00; 4-6 ft., \$5.00.

## Incense Cedar

**Libocedrus decurrens. C20.** "Incense Cedar." 25 to 50 ft. 5° below zero. A native of the California mountains and one of our finest evergreen trees. Makes a tall, dense, compact pyramid with deep green, lustrous foliage which is delightfully fragrant and pungent. It grows easily anywhere and is a magnificent tree anywhere in the Southwest. Gal. tins, \$1.00; 5-gal. tins or balled, 3-4 ft., \$2.75; balled, 4-5 ft., \$4.00; 5-6 ft., \$5.00; 6-8 ft., \$10.00.

## The Fern Pine

**Podocarpus elongatus. C24.** 15 ft. 10°. South African forest tree which in California gardens makes a beautiful medium-sized plant with soft, fine-cut green foliage, fern-like in appearance. It makes a dark green tracery against stucco walls and has become increasingly popular over the past few years since it has become better known. It fits beautifully into the finest California plantings. Sun or half-shade. 5-gal. tins, \$3.00.

## Yew "The Aristocrat"

**Taxus baccata Irish. C27.** (T. hibernica.) "Irish Yew." 5° below zero. This famous Yew is incomparable where a narrow, upright, perfect green column is desired for framing doors or in formal gardens. It is trim, sedate, formal, and has beautiful red berries. Very slow growing, the plants below are already many years old. Balled, 2½-3 ft., \$10.00; 3-3½ ft., \$15.00; 3½-4 ft., \$17.50.

**Taxus baccata dovastoni. C26A.** A spreading Yew with rich dark green foliage, becoming twice as broad as it is high. Balled, 2-3 ft., \$5.00; 3-4 ft., \$7.50.

## Order by Mail

If it is not convenient for you to visit our Display Yards, send in your order by mail. We will get the plants safely to you by the best available means of transportation no matter where you live, whether it be by mail, express, freight or our own trucks. See pages 40 and 41 for shipping information.

## Dwarf Golden Arborvitae

**Thuja orientalis Berckmanns. C30.** (aurea nana.) "Dwarf Evergolden Arborvitae." 6 ft. 0°. This is the most popular dwarf conifer grown in California and in the Southwestern States. Dwarf, compact and broadly conical in form, the tips of all the branches are covered with bright gold throughout most of the year. See illustration at bottom of page. Gal. tins, 80c; balled, 15-18 inches, \$1.50; 1½-2 ft., \$2.25; 2-2½ ft., \$3.00; 2½-3 ft., \$4.00; 3-3½ ft., \$7.50.

**Thuja orientalis Bonita. C32.** 0°. The most perfect of the dwarf, cone-shaped green Arborvitae. Never exceeds 5 feet in height, broad and compact. Balled, 1½-2 ft., \$2.25; 2-2½ ft., \$2.75; 2½-3 ft., \$3.50; 3-3½ ft., \$5.00.

## Pines

**Pinus canariensis. C21.** "Canary Island Pine." 80 ft. 10°. One of the most beautiful and permanent of all Pines for California, growing well anywhere in this state. Extremely long needles in large tufts. The new growth is silvery white. Tall and slender. Gal. tins, 80c; 5-gal. tins, \$2.50.

**P. halepensis. C22.** "Aleppo Pine." 50 ft. 5°. A rapid growing Pine suitable for quick effects, particularly in dry locations. Longer lived than the Monterey Pine and similar in appearance. Gal. tins, 80c; 5-gal. tins, \$2.50; balled, bushy, 4-5 ft., \$3.50; 5-6 ft., \$4.50.

**P. radiata. C23.** "Monterey Pine." 60 ft. 8°. A well-known native of the California coast. Very bushy when young, with bright green foliage. Valuable for quick effects because it is the fastest grower of all Pines. Although native to the coast, it grows readily inland, but is not long-lived there. Gal. tins, 80c; 5-gal. tins, \$2.50.

In order to avoid errors in filling your order, please be sure to include on your order sheet both the name of the item and the number following the name.

Dwarf Golden Arborvitae (shown at right).

Juniperus sabina Tamarix (below). Excellent for foreground planting.



Giant Sequoia, permanent Christmas Tree. Beautiful at all ages from 1 to 3,000 years.

## The Giant Sequoia

**Sequoia gigantea. C25.** "Giant Sequoia." 5° below zero. Everyone knows about the famous "Big Tree" of the Sierras, oldest and largest of all living things, but do you know how trim and beautiful they are when young, with each sturdy little side branch doing its share to form a perfect cone of blue-green foliage? If you plant a small tree now (even in a small yard) as your young son's outdoor Christmas tree, it will still be small enough to decorate when his great-grandson is old enough to enjoy it. Thrives anywhere in California except in desert regions. Gal. tins, \$1.25; 5-gal. tins, \$3.00; balled, 2-3 ft., \$5.00; 3-4 ft., \$7.50; 4-6 ft., \$12.50.

**Sequoia sempervirens. C26.** "Redwood." 150 ft. 0°. The well known California Redwoods are among the largest and most picturesque trees known. They grow rapidly into beautiful specimens and thrive readily anywhere on the Pacific Coast except on the desert. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

Golden Column Arborvitae, illustrated at extreme right.



# Armstrong Select

Nothing improves the California landscape more than evergreen trees. We need all of the green foliage that we can get and we need summer shade. You'll find many magnificent trees here which are seen in California but rarely because planters simply do not know how lovely they are. These include *Acacia elongata*, Cape Chestnut, Shamel Ash, Golden-Flowered Dwarf Eucalyptus, *Hymenosporum* and *Tricuspidaria*.

**Quantity Discount.** If you order 10 or more of one variety, take 10% off the listed each price. For instance, if you order 10 *Acacia baileyana* in gal. tins, take 8c off the each rate of 80c, making the plants 72c each. This discount applies only on one variety of plant and not to assorted lots.

**Three Salesyards.** There are now three Armstrong Sales and Display Yards (no other branches or agents) at which you may select from a full supply of Armstrong products. In addition to our home display yard at Ontario, our North Hollywood Branch on Magnolia Blvd., at Coldwater Canyon Ave., serves all of the San Fernando Valley and adjacent territory. Our new Culver City Branch on Sepulveda Blvd., four blocks south of Culver Blvd., is convenient for all of Los Angeles and the beach cities.

**Shipping Weights.** The average shipping weight of plants in gallon tins is 10 lbs. each, for plants in 5-gallon tins 50 lbs. each. See pages 40 and 41 for shipping costs and information.

**When to Plant.** The black squares under each month in the calendar below indicate that you can plant evergreen shade trees during every month in the year.

Months From Tins	J	F	M	A	M	J	J	A	S	O	N	D
	■	■	■	■	■	■	■	■	■	■	■	■

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

Flowers of the Orchid Tree (pink, purple and yellow). The tree is full of them in early summer. Note the handsome foliage too.

## Fast Growing Acacias

*Acacia baileyana*. T1. "Silver Wattle." 30 ft. 15°. Probably the most handsome of all Acacias, with beautiful fernlike, silvery blue-green foliage. Completely enveloped from January to March with great sprays of lovely fragrant lemon-yellow flowers. Large spreading and fast growing, it makes a beautiful garden tree. Gal. tins, 80c; 5-gal. tins, \$2.50.

*A. longifolia*. T3. (floribunda.) "Everblooming Acacia." 25 ft. 18°. A fast growing upright tree, making a dense round head. Long, narrow leaves, small creamy yellow flowers blooming constantly during summer. Gal. tins, 70c; 5-gal. tins, \$2.25.

## Dwarf Pearl Acacia

*Acacia podalyriifolia*. T4. "Pearl Acacia." 15 ft. 18°. This dwarf spreading Acacia has the showiest and most spectacular flowers; immense clusters of brilliant big canary-yellow flower balls borne in profusion right through the middle of winter, from November to February, and usually in full bloom at Christmas time. Beautiful, large, velvety blue-gray foliage which makes a perfect background for the lovely fragrant flowers. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

*Acacia elongata*. T2. 15 ft. 15°. A beautiful small Acacia, fine for the average garden because of its small, compact, bushy shape and the great quantities of bright yellow, fragrant, bullet-shaped blooms which line every branch in March and April. Excellent for cut sprays. Gal. tins, 80c

## The Camphor Tree

*Cinnamomum camphora*. T10. "Camphor Tree." 75 ft. 10°. The Camphor often attains great size, but not for many years, and because of its moderate growth and regular form it is often used as a parkway or garden tree. Always handsome with its dense, bright green, glossy foliage tinged with rich bronze in spring. Gal. tins, 80c; 5-gal. tins, \$2.50; large specimens in 16-inch boxes, \$15.00.

It's easy to put your order in the mail, and we'll get the plants to you by the safest and most economical method whether it be mail, express, freight or our own trucks. See pages 40 and 41 for shipping information.

## The Orchid Tree

*Bauhinia purpurea*. T5. "Orchid Tree." 15 ft. 22°. An exceedingly showy small tree with two-lobed leaves and quantities of magnificent large flowers, deep pinkish-lavender in color with brilliant markings of purple and yellow, 3 inches or more across. It grows easily anywhere except directly on the coast, standing any amount of heat and a considerable amount of cold. It makes a good cut flower, and if you would like a whole tree full of orchids in your garden, just plant one of these beautiful Bauhinias, which will cause your neighbors to come from blocks around in May or June to admire the sight. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 7-8 ft., \$12.50.

## The Carob

*Ceratonia siliqua*. T8. "Carob." 40 ft. 16°. Its symmetrical shape and dense, glossy, evergreen foliage, the same throughout the year, makes the Carob one of the most desirable trees for street planting or all-year home shade. It is long-lived, deep-rooted, does not become too large, and is a most satisfactory tree under all climatic conditions. Gal. tins, 80c; 5-gal. tins, \$2.50; large specimens in 16-inch boxes, \$12.50.

## Fruit and Shade, Too

**Avocado.** If you would like to have in your garden beautiful, luxuriantly foliaged, evergreen shade trees which will also provide excellent fruit, we suggest a Duke, Jaina, Leucadia or Zutano Avocado tree. See pages 21-22.

## The Lovely Cape Chestnut

*Calodendrum capense*. T6. "Cape Chestnut." 25-40 ft. 15°. The finest native flowering tree of South Africa and just as fine here in California. Makes a medium sized rounded head of foliage which in early summer is almost solidly covered with great 6-inch panicles of unbelievably beautiful rosy-lavender blooms. See color illustration page 34. Not difficult to grow, quite hardy (partially deciduous in colder areas). Full sun, light soil, little water. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Lily of the Valley Tree

*Clethra arborea*. T11. "Lily of the Valley Tree." 15-20 ft. 20°. This beautiful little evergreen tree from Madeira, with long, shiny 4-inch leaves, is loaded in the late summer and early fall with magnificent panicles of little, white, cup-shaped flowers which are extremely fragrant. Its handsome foliage, dainty flowers and exquisite fragrance all combine to make it one of the most valuable small flowering trees. Best where protected from dry winds and hot reflected sun. Plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Shade for Patios

*Ficus retusa*. T7. "Indian Laurel." 20 ft. 25°. A compact, rounded head of thick, rubbery leaves. Grows well in locations where there is very little room for roots. Fine for small parkways, patio corners and other locations where a trim little tree is wanted. Coast or inland. Gal. tins, \$1.00; 5-gal. tins, \$2.75; tubbed, \$7.50.

## Evergreen Mexican Ash

*Fraxinus uhdei*. T22. "Shamel Ash." 25-30 ft. 15°. Mr. A. D. Shamel of the U. S. Dept. of Agriculture was in Mexico several years ago and admired this splendid evergreen Ash so much that he brought back seeds for propagation in California. We like the beauty of the long, glossy, 18-inch pinnate leaves, its convenient medium size, and its clean, cool, trim appearance. The young trees have grown very rapidly here. 5-gal. tins, \$2.75; balled 10-12 ft., \$7.50.

## Something Different

*Calamondin*. FC1. 10-15 ft. 15°. You might never think of this fruit bearing citrus tree for ornament and shade unless we called your attention to it, and we are doing that right now. Handsome all year foliage; tall, slender, trim shape; fragrant spring flowers; and best of all, quantities of beautiful little red-orange fruits, not only good to look at on the tree, but which make the best orange-colored limeade you ever tasted. One of the hardest of citrus fruits. See page 3. 5-gal. tins, \$3.00.

# Broad-Leaved Evergreen Trees

## Flowering Eucalyptus

These lovely new Dwarf Eucalyptus, with colored blooms of exceptional beauty, have recently been introduced from little explored portions of Western Australia and because of their small size are adapted to small gardens. Exceedingly valuable for the unique and colorful cut flower sprays which they supply for the house. They usually bloom in late summer and fall. Keep them staked and pinch back while young to keep them bushy.

**Eucalyptus caesia. T12. "Gungurru."** 15 ft. 20°. Lovely weeping sea-green foliage and long, drooping racemes of rose-pink flowers which make the most beautiful cut sprays for the house that you have ever seen. We don't know what "Gungurru" means, but it must be Australian bush lingo for "Wow, what beautiful flowers." Gal. tins, \$1.25; 5-gal. tins, \$3.00.

**E. crucis. T12. "Southern Cross Eucalyptus."** 10 ft. 24°. At Christmas time the unique blue-gray foliage is capped with clusters of lovely blue-gray flower buds which make the most beautiful table decorations, later opening into lovely primrose-yellow flowers. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

**E. erythrocorys. T13. "Golden Flowered Eucalyptus."** 15 ft. 24°. The big, brilliant red, pointed flower caps on the flower buds are gorgeously beautiful in themselves, and when they drop off they reveal beautiful fluffy golden yellow blooms. Both flowers and buds on their red stems are present together, and combined with the lovely long bright green leaves, create a vivid picture. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

**E. grossa. T17. 4-8 ft. 20°.** Very dwarf, bushy, with blue-green foliage and golden yellow flowers. It takes very little room in any garden, and you'll have something beautiful and unique. Gal. tins, \$1.25.

## Lemon-Scented Gum

**Eucalyptus citriodora. T14. "Lemon-Scented Gum."** 40-80 ft. 20°. A picturesque tree which sends a slender, straight white trunk towering high in the air, with a graceful crown of foliage at the top. Grows rapidly. The long, slender leaves are pungently lemon-scented. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

The Cape Chestnut is a glorious sight in June. Examine this photograph closely and you'll see that the tree is literally covered with the beautiful 8-inch pink flower clusters shown below. See color illustration on page 34.



## Scarlet Eucalyptus

**Eucalyptus ficifolia. T14. "Scarlet Flowering Eucalyptus."** 20-25 ft. 24°. One of the most glorious sights in California is one of these trees in full bloom, with its great clusters of brilliant scarlet flowers set in a background of large, dark, glossy leaves. It is a rather dwarf tree and does not take much room, thriving best near the coast. Needs plenty of water. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## The Best Windbreak

**Eucalyptus globulus. T15. "Blue Gum."** 150 ft. 18°. One of the fastest growing trees in the world and the most widely planted in California. Much used for windbreaks and fuel; thrives anywhere except in very cold sections or in the desert. The young growth has a beautiful blue color. Flats of 100 small plants, \$5.00; gal. tins, 70c.

**E. globulus compacta. T16. "Bushy Blue Gum."** 20-30 ft. 18°. A variety of the Blue Gum which has no main trunk but is very bushy and densely branched, forming a symmetrical, rough, compact head. A very small percentage of the plants from flats may be the regular Blue Gum. We consider this one of our best plants for a quick growing screen. Flats of 100 small plants, \$5.00; gal. tins, 70c; 5-gal. tins, \$2.25.

**E. polyanthemos. T18. "Redbox Gum."** 40-75 ft. 14°. Medium-sized, spreading tree, with round leaves, thriving anywhere in California or Arizona, being resistant to extreme frosts, heat or drouth. Flats of 100 small plants, \$5.00; gal. tins, 70c; 5-gal. tins, \$2.25.

**E. camaldulensis. T13. (rostrata). "Red Gum."** 80-120 ft. 12°. A rapid grower that endures much heat, severe frost and considerable drouth. Widely planted for windbreak and shade in California and Arizona. Flats of 100 small plants, \$5.00; gal. tins, 70c; 5-gal. tins, \$2.25.

The Olive makes a beautiful small picturesque tree in many California plantings. Somehow it lends a strictly Californian atmosphere wherever it is planted, and you'll get some fruit to pickle too. See sizes and prices bottom of page 7. The Mission is the best Olive variety for ornamental planting.



*Eucalyptus citriodora* has a slender, graceful, white trunk, and its leaves are pungently lemon-scented.

## White Gum

**Eucalyptus viminalis. T21. "White Gum."** 125 ft. 10°. One of the most beautiful of the Eucalypti, with a smooth white trunk, shedding its bark in long ribbons. A wide-spreading picturesque crown, long pendulous branchlets and narrow lance-shaped leaves. Almost as fast-growing as the Blue Gum and much hardier, thriving from the seacoast to the hottest desert. Flats of 100 small plants, \$5.00; gal. tins, 70c; 5-gal. tins, \$2.25.

**E. sideroxylon rosea. T20. 20-40 ft. 15°.** A tall, slender tree of moderate size, with masses of delicate pink flowers contrasted with the slender silvery-gray leaves. A more uniform grower than the Scarlet Eucalyptus and much hardier, thriving in almost any climate. Gal. tins, \$1.00; 5 gal. tins, \$2.75.

## Grevillea

**Grevillea robusta. T23. "Silk Oak."** 75 ft. 15°. A tall, slender tree, with fern-like leaves; covered in early summer with comb-like golden yellow flowers 6 inches long. Drouth and heat resistant. Gal. tins, 70c; 5-gal. tins, \$2.25.

## Handsome Harpullia

**Harpullia arborea. T18. 40-50 ft. 24°.** If you want a tree that is just about as handsome the year around as any tree that we can possibly grow in California and which has the added advantage of being quite rare and unusual, we heartily recommend this beautiful tree from the South Sea Islands. The foliage is large, luxuriant and a bright glossy green in color, and it grows into a dense round-topped tree of the most magnificent proportions. The flowers are inconspicuous, but in the late fall, just in time for Christmas, the great brilliant red seedpods cover the tree, making it look like the most beautiful Christmas tree that you ever saw, and they hang on most of the winter. Hardy any place in the coastal or milder foothill sections. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

We like to recommend shade trees that bear fruit. The White Sapote makes a fine medium sized shade tree with big, handsome leaves, and you'll get all kinds of big, green, deliciously flavored fruits from it. It grows and bears easily anywhere where an orange tree thrives. See page 7.



# Evergreen Trees (continued)

## Hymenosporum

**Hymenosporum flavum.** T24. "Sweet-shade." 25 ft. 20°. This tall, slender, small tree has the most sweetly fragrant flowers of any evergreen tree that you can grow in your California garden. It has handsome foliage all the year, and in spring and early summer produces masses of long, tubular, creamy yellow blossoms, many times the size and with many times the fragrance of orange blossoms—believe it or not! Grows anywhere except in desert sections. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Jacaranda

**Jacaranda acutifolia.** T25. 30 ft. 22°. One of the handsomest flowering trees grown in Southern California. Forms a round, symmetrical head of light green, fern-like foliage, and in June the entire tree is a mass of light violet-blue tubular flowers. Gal. tins, 80c; 5-gal. tins, \$2.50; balled, 8-10 ft., \$12.50; 10-12 ft., \$15.00; large specimens in 16-inch boxes, \$15.00.

## Shade—And Nuts

**Macadamia ternifolia.** FS26. "Australian Nut Tree." 20-30 ft. 26°. Just because this beautiful evergreen subtropical tree bears some of the most delicious nuts in existence, there is no reason why we should not recommend it for shade as well, and we do heartily. See page 8. 5-gal. tins, \$4.50.

## Parkinsonia

**Parkinsonia aculeata.** T28. 15 ft. 18°. This beautiful native of the Colorado Desert thrives in dry soils almost anywhere in the Southwest. During the early summer it is a great mass of small bright yellow flowers, a striking contrast to the smooth, bright green bark of the trunk and leaflet. 5-gal. tins, \$2.50.

## Southern Magnolia

**Magnolia grandiflora.** T27. "Southern Magnolia." 60 ft. 5°. Has beautiful dark green, heavy, shining foliage, and in the summer and fall produces its magnificent large pearly-white flowers 6 to 8 inches across, intensely fragrant. Although a tree of comparatively slow growth, eventually it makes one of the largest and noblest specimens. Should have a considerable amount of water when young. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Dwarf Magnolia

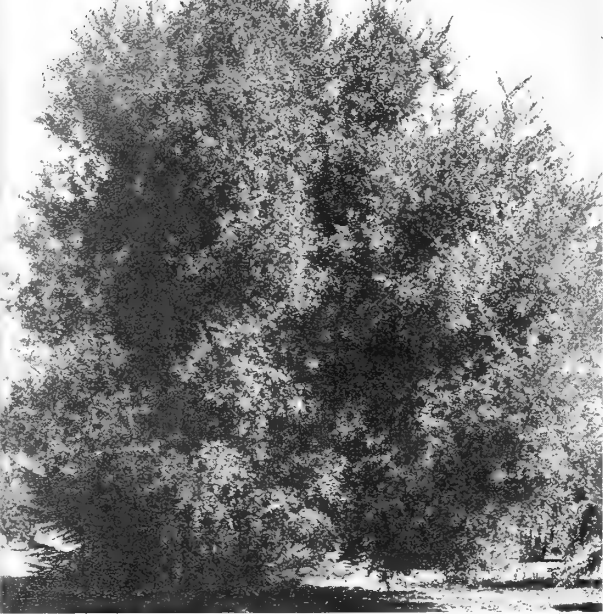
**Magnolia exoniensis.** T26. "Dwarf Magnolia." 15-20 ft. 5°. To those who want a Magnolia for a small yard we highly recommend this variety. It is a variety of the Southern Magnolia above, but much more dwarf and slower growing, blooming when very young. 5-gal. tins, \$3.00; balled, with large bushy heads, 4-5 ft., \$6.00; 5-6 ft., \$7.50; 6-7 ft., \$10.00.

## Flame Tree

**Sterculia acerifolia.** TT9. (Brachychiton acerifolius.) "Flame Tree." 30-50 ft. 24°. This unique tree, with large, shining, maple-like leaves, is covered in the early summer with many cup-shaped blooms of rich red on scarlet stems. In the southern coastal counties is one of the showiest flowering trees that can be planted, a solid mass of dazzling color, even more vivid than the Scarlet Flowering Eucalyptus. Blooms in June. Gal. tins, 80c; 5-gal. tins, \$2.50; large specimens in 18-inch boxes, \$15.00.

**Sterculia diversifolia.** T34. (Brachychiton populneus.) "Bottle Tree." 25 ft. 15°. Excellent for narrow parkways and dry soils because of its small, narrow pyramidal shape and deep-rooted habit. Excellent for the desert. Gal. tins, 80c; 5-gal. tins, \$2.50.

The handsome Evergreen Elm.



The stately California Live Oak is our most beautiful native tree and grows rapidly into a handsome specimen.

## California Live Oaks

**Quercus agrifolia.** T29. "California Live Oak." 50 ft. 10°. The most picturesque and beautiful native tree that graces the landscape of California is this handsome evergreen Live Oak. Its dark glossy green, medium sized leaves form a dense handsome head, and the tree is fast growing and does well almost everywhere except in the extreme desert sections. We can enthusiastically recommend it for planting on home grounds, for parkways and any other location where a good sized, fast growing, long-lived, evergreen shade tree is wanted. Gal. tins, 80c; 5-gal. tins, \$2.50; large specimens in 16-inch boxes, \$15.00.

## California Laurel

**Umbellularia californica.** T37. "California Laurel or Bay" "Oregon Myrtle." 40-60 ft. 10°. One of the finest of native Pacific Coast trees, with a compact, round-topped crown of dense, dark green foliage. The leaves, pungently fragrant when crushed, can be dried and used for flavoring in the kitchen. Grows slowly but easily anywhere with little care. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Pepper Tree

**Schinus molle.** T30. "California Pepper." 50 ft. 18°. This unique and beautiful tree has become so identified with California that it stands as a symbol of the Golden State. Grows anywhere with little care. Its handsome foliage and red berries, which stay on through the winter, and the gnarled, rugged trunk, make it a picturesque tree. Because it thrives so easily and shades a great space of ground under conditions unsuited to many more pampered trees, it will always be valuable for California. Gal. tins, 70c; 5-gal. tins, \$2.25; large specimens in 16-inch boxes, \$12.50.

**S. terebinthifolia.** T31. "Brazil Pepper." 15-30 ft. 22°. A much smaller tree than the above, having larger, broader leaves and greater quantities of brilliant scarlet berries. Does remarkably well under the hottest desert conditions, and also a splendid tree on the seacoast. Gal. tins, 80c; 5-gal. tins, \$2.50; large specimens in 16-inch boxes, \$12.50.

## Firewheel Tree

**Stenocarpus cunninghami.** T33. "Firewheel Tree of New South Wales." 20-40 ft. 20°. This is such a spectacular tree with its large, shining, 8 to 12 inch maple-like leaves, and it explodes so colorfully into great masses of crimson flowers, shaped like the spokes of a wheel, that we have grown some for trial here in California. A great big Fourth of July celebration in the shape of a tree. Probably best near coast or in foothills. Gal. tins, \$1.00.

## A Flowering Oak

**Tricuspidaia dependens.** T35. (Crinodendron dependens.) "White Lily-tree." 25 ft. 15°. A small flowering tree from the canyons of the Andes in Chile which at first glance looks like one of our California Live Oaks, but no Oak ever produces the quantities of little white, bell-shaped flowers which this tree displays in great drooping clusters throughout the spring and early summer. Easily grown but likes plenty of water. A good tree for planting in the lawn—a location which many trees dislike. Does well anywhere except in extreme desert sections. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## The Evergreen Elm

**Ulmus parvifolia Evergreen (sempervirens).** T36. "Evergreen Elm." 25 ft. Zero. A small tree with a spreading crown of slender drooping branches and bright green leaves. For a small home shade tree we highly recommend it. Next to the Carob, the Evergreen Elm is probably the most popular evergreen street and garden tree planted in Southern California at the present time. Drops its leaves for short time in cold sections. Many inferior seedlings of Ulmus parvifolia are often sold as Evergreen Elm. The Armstrong type is carefully selected for its evergreen habit, beautiful foliage and handsome shape, and they are grown from cuttings to insure that every tree is the same. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 6-8 ft., \$12.50; 8-10 ft., \$15.00; large specimens in 16-inch boxes, \$12.50.





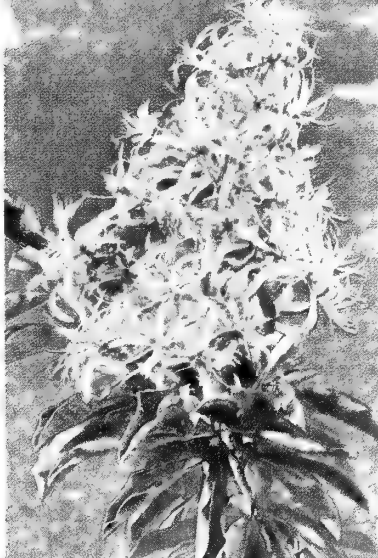
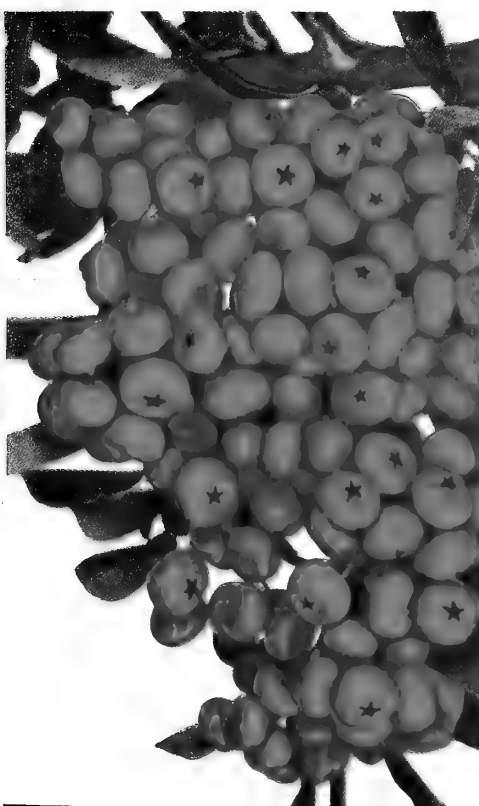


The new Carnation-Flowered Dwarf Pomegranate. Beautiful red fruits, too.



Above, the dainty winter flowers of Australian Fuchsia.

Berries of Graber's Firethorn, shown here two-thirds Natural Size. Biggest and reddest of all.



A flower cluster of Cape Chestnut (shown above much reduced) is a big double handful of beauty.

### The Lovely Cape Chestnut

*Calodendron capense*. T6. "Cape Chestnut." 25-40 ft. 15°. The finest flowering tree of South Africa makes a magnificent medium sized, rounded specimen in California, solidly covered in early summer with great 6-inch panicles of unbelievably beautiful, rosy lavender blooms. Easy to grow. Leafless in winter in colder areas. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

### New Dwarf Pomegranate

*Punica granatum Dwarf*. S198. "Carnation-Flowered Dwarf Pomegranate." 3-4 ft. 10°. Quantities of brilliant scarlet carnations, borne on bushes; that's what you'll get on this improved new dwarf Pomegranate, with its fresh bronzy-green summer foliage, bright colored flowers and small crimson fruits borne in fall and winter. Grows on coast or desert equally well, partially deciduous in cold climates. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.50.

### Cutleaf Persian Lilac

*Syringa persica laciniata*. DS21. "Cutleaf Persian Lilac." 5-6 ft. Below zero. The finest Lilac for Southern California because it likes our climate. Great masses of bright lavender flowers on long, arching branches in spring, and, of course, they're sweetly fragrant. Dainty, fern-like foliage in summer. It grows in any climate, hot or cold. Gal. tins, 70c; 5-gal. tins, \$2.25.

### Australian Fuchsia

*Correa pulchella*. S61. 22°. One of the finest foreground shrubs for California gardens, making a dense mass of foliage, to 4 feet across, but only about 18 inches high. The little, pink, bell-shaped flowers are borne in the winter from November to April. Sun or shade. Gal. tins, 80c; 5-gal. tins, \$2.50.

### Biggest Reddest Berries

*Pyracantha crenata-serrata* Graber. S200. "Graber's Firethorn." 6-8 ft. 5°. Of all the varieties of this popular berried shrub this kind is the most brilliantly colored and has the most berries, and the birds do not seem to like them. A vigorous grower, with large glossy foliage. The enormous crimson berries look like little crab apples, borne in clusters as big as your two fists, and are at their best at Christmas for decorations. Gal. tins, \$1.00; 5-gal. tins, \$2.75; large trellised specimens, \$6.

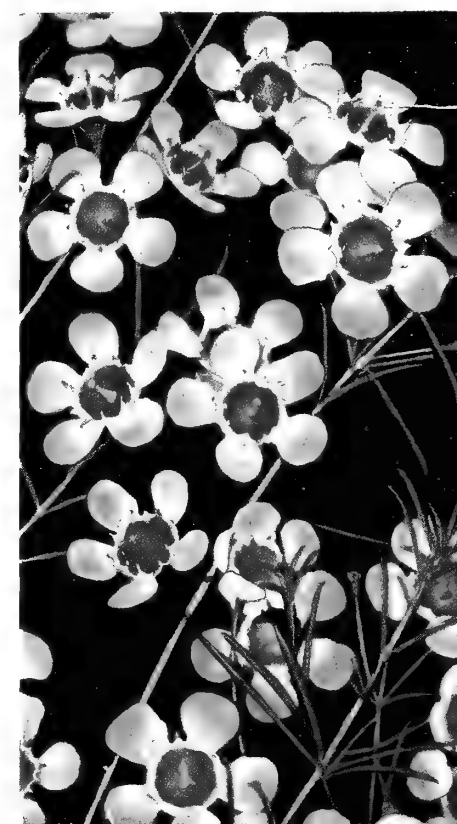
### Geraldton Wax Flower

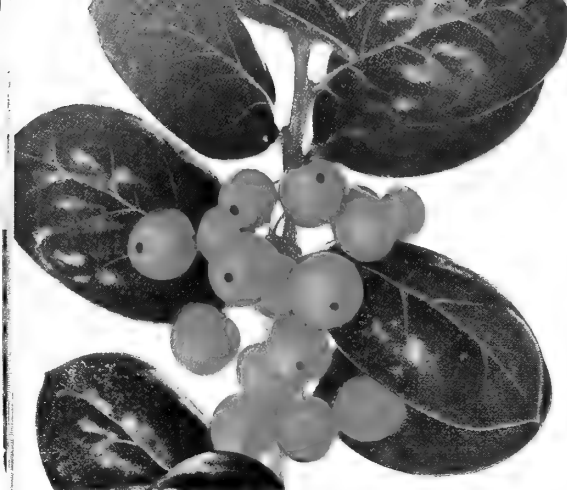
*Chamaelaucium ciliatum*. "Geraldton Wax Flower." 6 ft. 22°. The most successful new shrub introduced into Southern California in the past ten years, a special Armstrong Strain of it. The graceful open bush, with its attractive, needle-like foliage, is covered all through the winter season from January to April with sprays of lovely little waxy blooms in various shades of pink and lavender, each flower with a little maroon cup. One of the finest of cut flowers, the sprays keeping for days in the house, and very easy to arrange. Shown at the right is the beautiful Cameo Rose (S43). See other kinds listed on page 48. Gal. tins, \$1.25; 5-gal. tins, \$2.00.



The finest Lilac for Southern California is the Cutleaf Persian. A mass of delightful scented lavender blooms in spring.

All winter long you can cut big sprays of these lovely little waxy flowers from the Geraldton Wax Flower (*Chamaelaucium*). Shown here is Cameo Rose. See others on page 48.





Burford Holly. Two-thirds Natural Size.



*Bauhinia galpini* is covered with flowers like this all summer.



The gorgeous flower of Trinidad Flame Bush.

## Always Big Red Berries

*Ilex cornuta burfordi*. S135. "Burford Holly." 8-12 ft. Zero. One thing you want to be sure of when you plant a Holly is that you are going to have plenty of red berries at Christmas time because a Holly is not a Holly without them. You are certain to get plenty with this fine variety which likes our warm Southern California climate (it likes almost any climate). You'll not only get plenty of berries but you get the biggest and reddest, all borne against big, deep green foliage, so glossy that it looks as though it had been varnished. The berries hold on the plant almost seven months, and most of the plants we sell have either green or red berries on them no matter when you buy them. Gets to its ultimate height slowly. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 2-3 ft., \$5.00.

## A Startling Flower

*Bauhinia galpini*. S11. "Red Bauhinia." 5-8 ft. 22°. Take a showy red orchid, cross it with the most beautiful big scarlet nasturtium you ever saw, and you can imagine what a magnificent flower you would get. No matter how much you let your imagination run riot, you'll not exaggerate the startling and vivid beauty of this rare Bauhinia. It is unique in the way it grows too, because although it is really a shrub, it likes to clamber up a fence and lie along the top, displaying its marvelously beautiful flowers to better advantage. With a little help, it will climb right up a wall or pillar. Blooms from early spring to late fall. Sun or part-shade. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## Trinidad Flame Bush

*Calliandra guildingi*. S23. "Trinidad Flame Bush." 6-8 ft. 15°. The large heads of vivid scarlet stamens. 3 inches long, which cover the plant like a sheet of fire in spring and summer, make this a vivid and colorful plant. Its feathery, fern-like foliage is handsome the year around. Full sun. Plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## See the Birdies

*Crotalaria agatiflora*. ST4. "Canary Bird Flower." 6-10 ft. 25°. When this East African plant blooms in your garden it will be the most spectacular object there. It has luxuriant, tropical appearing leaves and racemes of large, 3-inch, green and gold flowers in sprays as much as 3 feet long. The boughs look as though they were full of gorgeous canary birds, and cut, make splendid table decorations. Sun. Plenty moisture. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Serbian Bellflower

*Campanula poscharskyana*. P11. 10°. For bordering a lawn or to place in front of larger shrubs, we know of no finer small plant than this beauty from Jugoslavia. A beautiful clump of evergreen violet-like foliage, 4 to 6 inches high and 12 to 18 inches across. For many weeks in early summer hundreds of little, starry, bell-shaped lavender-blue flowers, about 1 1/4 inches across, look up at you. Grows easily in any soil. Shade or semi-shade. Gal. tins, 75c.



Puzzle: Look at the picture on the left and see how many cute little canary birds you can find. *Crotalaria agatiflora* is full of these beautiful green and gold birds all summer, and you can carry them right into the house if you like.

The Serbian Bellflower looks like a luxuriant clump of violets most of the year, but in the spring it becomes a cheery mass of beautiful little blue flowers which last for at least two months. Easy to grow anywhere.



# TOPICAL INDEX TO ARMSTRONG'S 1944 CATALOG

## Fruits

<b>A</b>	
Almonds	12
Apples	9
Apricots	11
Artichokes	18
Asparagus	18
Avocados	21, 22, 31

<b>B</b>	
Berries	17, 18
Blackberries	17
Boysenberry	17

<b>C</b>	
Calamondin	3, 31
Carissa	6
Carob, Bolser	8
Chayote	18
Cherimoyas	7
Cherries	15
Chestnuts	12
Citrus, Dwarf	5
Currants	18

<b>E</b>	
Espaliers	11, 20
Eugenias	6

<b>F - G</b>	
Feijoa	8
Figs	16
Filberts	12
Gooseberries	18
Grapes	19, 20
Grapefruit	3
Guavas	8

<b>H to K</b>	
Hiccan	12
Jujubes	15

<b>L</b>	
Lemons	3, 4, 5
Limes	3
Limequat	5
Loganberries	17
Loquats	6

<b>M</b>	
Macadamia	8
Mandarin	5
Mangos	8

<b>N - O</b>	
Natal Plum	6
Nectarines	15
Nut Trees	12, 13
Olives	7
Oranges	1, 2, 3, 5

<b>P</b>	
Papayas	6
Passion Fruit	7, 62
Peaches	10, 11
Pears	16
Pears, Dwarf	16
Pecans	13
Pepino	6
Per Simmons	13
Pineapple Guayas	8
Pistachio Nut	12
Planting Distances	37
Plums	14
Pomegranates	13
Prunes	14

<b>Q to Z</b>	
Queensland Nut	8
Quinces	15
Raspberries	17
Rhubarb	18
Rose-apple	6
Sapotes	7
Strawberries	18
Sub-Tropicals	6, 7, 8
Surinam Cherry	6
Tangelos	4
Tangerines	5
Walnuts	12
Youngberries	18

## Supplies

Lawn Seeds	37
Peat Moss	39
Tree Protectors	37
Tree White	37

## Ornamentals

<b>A</b>	
Abelias	45
Abies	29
Abutilon	45
Acacias	31
Acer	27
Adenocarpus	45
Agapanthus	23
Ajuga	37
Ampelopsis	60
Anemone	23
Angelonia	23
Antigonon	60
Apricot, Flowering	28
Arborvitae	30
Arbutus	45
Arctotis	23
Arctostaphylos	45
Arecastrum	59
Ash	27, 31
Asters	23, 45
Aster Frikanti	23
Aucuba	45
Azaleas	42
Azara	45

<b>E</b>	
Bamboos	59
Berberis	46
Bauhinias	31, 35, 45
Beauty Bush	25
Beloperone	46
Berberis	46
Bergenia	23
Betula	27
Birch	27
Bird-of-Paradise	58
Bletila	50
Bomarea	60
Boston Ivy	62
Bougainvilleas	60
Bouvardias	46
Boxwood	46, 55
Breath-of-Heaven	48
Bridal Wreath	26
Brooms	49, 51, 57
Brunfelsia	46
Buddleias	46
Buxus	46

<b>C</b>	
Calamondin	3, 31
Callas	24
Calliandra	35, 46
Callistemon	47
Calodendron	31, 34
Camellias	43, 44
Campanula	23, 35
Camphor	46
Campsis	60
Candollea	46
Cannas	23
Cape Chestnut	31
Carob	31
Carpenteria	46
Carissa	6, 46
Cassias	47
Ceanothus	47
Cedrus	29
Celtis	27
Ceratania	31
Ceratostigma	23, 47
Cercis	25
Cestrum	47
Chalcas (see Murraya)	
Chamaecyparis	29
Chamaeluciums	34, 48
Cherries, Flowering	28
Chaenomeles	25
Chimonanthus	25
Chilopsis	47
Choisya	47
Chorizanthe	47, 48
Cientuegosa	47
Cissus	60
Cistus	48
Clematis	61
Clerodendron	48, 50
Clethra	31
Clytostoma	61
Cocos (see Arecastrum)	
Coleonema	48
Conifers	29, 30
Convolvulus	37

Coronilla	48
Correas	49
Cotinus	25
Cotoneasters	49
Cottonwood	28
Crab Flowering	28
Grape Myrtles	25
Crocalaria	35, 49
Cup of Gold	62
Cupressus	29
Cymbidiums	50
Cypella	23
Cypress	29
Cytisus	49

<b>D</b>	
Daboecia	50
Daphnes	49
Deciduous Shade Trees	27, 28
Deciduous Shrubs	25, 26
Deodars	29
Dianella	23
Dierama	23
Dimorphothera	23
Distictis	61
Doxantha	61
Dracaenas	59
Duranta	50
Dyschoriste	51

<b>E</b>	
Echium	23
Elaeagnus	51
Elms	28, 33
Epidendrum	50
Eranthemum	51
Ericas	50
Escallomias	51
Espaliers	11, 20
Eucalyptus	32
Eugenia	6, 51
Eunymus	37, 51
Eupatorium	51
Euryps	50, 51
Evergreen Grape	60
Evergreen Shrubs	45 to 59
Evergreen Trees	31, 32, 33

<b>F</b>	
Fatschedera	51
Felicia	23
Ferns	59
Ficus	31, 61
Firethorn	34, 56
Flame Tree	27
Forsythia	25
Fragaria	37
Fraxinus	27, 31
Fremontia	51
Fuchsias	51

<b>G</b>	
Galvezia	51
Gardenias	51, 52
Gaudichaudia	61
Gazania	37
Geleumium	61
Genistas	51
Geraldton Wax Flowers	48
Geraniums	24
Gerberas	23
Geum	23
Ginger Lily	52
Grapes	19, 20
Grasses, Ornamental	37
Grevilleas	32, 52
Ground Covers	37

<b>H</b>	
Hackberry	27
Halesia	25
Halmium	52
Hardenbergia	61
Harpullia	32
Heathers	50
Hedera	37, 61
Hedychium	52
Helianthus	23
Heliotrope	23
Hemerocallis	43, 44
Herbs	24
Hibbertia	60, 61
Hibiscus	53
Hollies	35, 53, 55
Holmskioldia	52
Honeysuckles	60, 61, 62
Hydrangeas	25, 52
Hymenocarpus	33
Hypericum	53

<b>I</b>	
Ilex	35, 53
Incense Cedar	30
Indigofera	25
Itea	52
Ivy	37, 61, 62

<b>J</b>	
Jacaranda	33
Jasmines	54, 61, 62
Jasminum	54, 61, 62
Junipers	29
Juniperus	29, 30

<b>K</b>	
Kniphofia	23
Koeleruteria	27
Kolkwitzia	25

<b>L</b>	
Lagerstroemia	25
Lantanas	37, 53
Lavandula	54
Lavatera	53
Leptospermum	54
Leucophyllum	54
Libocedrus	30
Ligustrum	54
Lilacs	26, 34, 47
Lily of Valley Tree	31
Lippia	37, 54
Liquidambar	27
Liriodendron	27
Lonicera	61

<b>M</b>	
Macadamia	33
Magnolias	25, 26, 33
Mahonia	54
Malpighia	54
Malus	28
Malvaviscus	54
Maples	27, 45
Marquerite	24
Matilija Poppy	57, 58
Mascagnia	62
Melia	24
Mesembryanthemum	37
Mint	24
Michelia	55
Mondo	59
Morea	24
Morus	27
Mulberries	27
Murraya	55
Myrsine	55
Myrtus	55

<b>N</b>	
Nandina	55
Natal Plum	6, 46
Nerium	55
Nierembergia	24

<b>O</b>	
Oaks	33
Oleanders	55
Orchids	50
Orchid Tree	31
Ornium	58
Oregon Grapes	54
Osmanthus	55, 56
Oxera	62

<b>P</b>	
Palms	59
Pampas Grass	59
Pankinsonia	59
Parthenocissus	62
Passiflora	7, 62
Peaches, Flowering	28
Pear, Evergreen	56
Pelargoniums	24
Pennisetum	59
Pepper Trees	33
Pentstemon	24
Perennials	23
Phaedranthus	60, 62
Philadelphus	26, 56, 62
Phlox	24
Phormium	59
Photinias	55, 56
Phyllostachys	59
Pinus	30
Pistacia	12, 28
Pittosporums	55, 56
Planting Guide	37, 38
Platanus	28
Plumbago	55
Podocarpus	30
Poinsettias	51
Polygonum	62
Pomegranate	
Flowering	34, 56
Populus	23

Princess Flower	58
Privets	54
Prunus	28, 58, 56
Punica	34, 56
Pyracanthas	34, 56
Pyrostegia	62
Pyrus	56

<b>Q</b>	
Quercus	33
Quince, Flowering	25

<b>R</b>	
Raphiolepis	56
Redbud	25
Redwood	30
Reinwardtia	24
Rhamnus	57
Rhus	57
Ribes	57
Rockroses	48
Romneya	57, 58
Rondeletia	57
Rosa de Montana	60
Rose Apple	6
Roses	63 to 76
Rosmarinus	56
Ruellia	57

<b>S</b>	
Salix	28
Salvias	24, 57
Schinus	33
Scilla	24
Sequoia	30
Shasta Daisy	24
Silverberry	51
Smoke Tree	25
Snowball	26, 58
Solandra	62
Solanum	6, 57
Sollya	57
Spartium	57
Sphaeralcea	57
Spirea	26
Star Bush	53
Statice	24
Stenocarpus	33
Stenolobium	58
Stephanotis	62
Sterculia	33
Stokesia	24
Stranvaesia	58
Strelitzia	58
Streptosolen	58
Strophanthus	58
Sun Roses	52
Sweet Gum	27
Sweet Olive	55, 56
Sweetspire	52
Sycamores	28
Syringa	26, 34, 56
Syzgium	6

<b>T</b>	
Tamarix	26
Taxus	30
Tea Plant	47
Tea Tree	54
Tecomaria	58, 62
Teucrium	58
Thryallis	57, 58
Thuja	30
Thunbergia	58, 62
Thyme	24
Tibouchina	58
Trachelium	24
Trachelospermum	59
Trachycarpus	62
Tree Roses	66
Tricuspidaria	33
Trolius	24
Trumpet Vines	61, 62
Tulbakhia	24
Tulip Tree	27
Turraea	58

<b>U</b>	
Ulmus	28, 38
Umbellularia	33
Umbrella Tree	27

<b>V</b>	
Viburnums	26, 58, 59
Vines	60, 61, 62
Viola	24
Vitis	26
Vitis	62

<b>W to Z</b>	
Weigela	26
Willows	28
Wintersweet	25
Wistaria	62
Xylosma	59
Yews	30



# Armstrong Grass Seed & Ground Covers

When you purchase Armstrong Grass Seed you are making the very best kind of a start toward a perfect lawn. Armstrong Grass Seed is the very best that can be obtained in keeping with the Armstrong policy of returning our customers nothing but the finest in quality. Grass seed can be purchased in many different grades which vary in percentage of germination, freedom from weed seed and other factors.

Some grasses are better than others for certain locations, and if you are in doubt regarding the best grass to use for a certain location, write us and we will be glad to advise. Prices quoted below are subject to change without notice. Write for prices on larger quantities.

## Armstrong Lawn Seed

**Armstrong's "Sunny Lawn" Mixture. GS2.** The very best lawn mixture for most lawns which receive plenty of sunshine. Composed largely of Blue Grass and C3 with several other species which help to make up a perfect lawn. One pound covers 200 square feet. 10 lbs. for \$1.10 per lb., 3 lbs. for \$3.00, 10 lbs. for \$3.00.

**Armstrong "Shady Lawn" Mixture. GS1.** A special mixture of various grasses which are particularly adaptable to places largely shaded. This mixture will provide a bright green lawn under trees or similar locations where growing a good lawn is sometimes difficult. One pound covers 100 square feet. 10 lbs. for \$1.10 per lb., 3 lbs. for \$3.00, 10 lbs. for \$3.00.

**Kentucky Blue Grass. GS4.** The basis for most of the finest California lawns. Blue Grass. Although there are a number of grades of Blue Grass commonly sold, the only one that is one pound covers 100 square feet. One pound covers 100 square feet. 10 lbs. for \$1.10 per lb., 3 lbs. for \$3.00, 10 lbs. for \$3.00.

**White Clover. GS9.** Particularly fine for winter sowing in Bermuda Grass. It gives quick results and will make a brilliant green lawn by itself. However, it is more often combined with Blue Grass. One pound covers 200 square feet. 10 lbs. for \$1.10 per lb., 3 lbs. for \$3.00, 10 lbs. for \$3.00.

**Red Top. GS6.** Useful for a quick durable lawn. One pound covers 100 square feet. 10 lbs. for \$1.10 per lb., 3 lbs. for \$3.00, 10 lbs. for \$3.00.

## Perfect Lawn Grass

**Seaside Bent. GS7.** The most luxuriant, velvety green lawn in California and of Seaside Bent. The gardener who takes a real pride in his lawn will be rewarded for the extra care, watering and mowing that it requires. Does particularly well in partial shade. One pound covers 300 square feet. 10 lbs. for \$1.10 per lb., 3 lbs. for \$3.00, 10 lbs. for \$3.00.

**Western Perennial Rye. GS8.** A good hardy lawn for hot dry climates and exceptionally good for interseeding with and overseeding Bermuda lawns in the winter. It does well in shady places, grows rapidly and will make a splendid lawn in a short time. One pound covers 100 square feet. 10 lbs. for \$1.10 per lb., 3 lbs. for \$3.00, 10 lbs. for \$3.00.

## Cool Green—Easily Grown—No Mowing

Flats 18 inches square in most cases plant about 200 square feet.

**Ajuga reptans. G1. "Blue Carpet."** Makes a beautiful solid carpet of shiny, deep green foliage. It stays uniform and neat throughout the year, and in the spring and summer sends up little flower spikes with dainty blue flowers shaped like tiny bugles. Must have shade and plenty of moisture. \$3.50 per flat.

**Convolvulus mauritanicus. G4. "Blue Morocco Creeper."** An easily grown trailer, covered throughout the spring and summer with many bright violet-blue flowers. It is very good for planting in narrow places or along borders where it is impossible to mow. 2 1/2 inch pots \$1.00 per 100.

**Euonymus fortunei radicans. G5. "Red Winter Creeper."** A dense flat mat of large, deep green foliage all spring and summer, turning bright red in the winter but never dropping. Stands desert heat, hardly to zero growth in any soil. Will grow under trees. Sun or shade. Flats of 100 \$6.00.

**Fragaria californica. G5. "California Wood Strawberry."** A native strawberry which "ground covers" large spots with handsome deep green foliage, white flowers and fine bright red berries that are delicious to eat. Good in sun, near coast and in shade or partial shade anywhere. Needs little moisture. Has no runners, spreads from underground roots, will not interfere with other shrubs. \$4.00 per flat.

**Gazania aurantiacum. G8.** A splendid ground cover for sunny places, making a dense mat of soft grey-green foliage. Covered with many large showy bright orange flowers. Also *Gazania splendens* (G10) with yellow flowers. Flats of 100 \$4.50.

**Gazania pavonia. G9.** This new strain is the family tree—has more brilliant fourth flowers of fiery orange-red. The foliage is larger and a deeper green. Flats of 100 \$4.50.

**The Ivy-Leafed Geraniums** are excellent ground covers. We have the following varieties: **Flesh-Pink (G20), Red (G19)**, all in 4-inch pots at 60¢ each. \$3.50 per 100.

**English Ivy. V20A.** A favorite ground cover for sun or shade. Flats of 100 \$3.50.

## Drouth-Resistant Lippia

**Lippia canescens. G4.** A creeping, fast growing ground cover which soon establishes itself into a dense olive-green mat. It throws under adverse conditions in hot locations that it requires little water and will stand much drouth, including tramping. Does not require mowing. \$3.50 per flat.

**Lantana sellowiana. G3. "Trailing Lantana."** A fast growing creeper ideal for covering sunny banks, rock walls or can be used as a ground cover. Its good looking foliage and clouds of lavender blooms throughout most of the year form a pleasing contrast to green, well-kept lawns. Gals. 60¢ flats of 100 \$5.

**Mesembryanthemums (Ice Plants).** Their blaze of color near the coast put the most colorful products of the looms to shame. They are easily grown like full sun, and require only a reasonable amount of water. We have **Bronze (G15), Red (G16), Pink (G17).** \$3.00 per flat.

**Hypericum calycinum. G11B. "Golden Mail Hypericum."** A fine low ground cover especially for semi-shaded positions with plenty of big yellow flowers in spring and summer. Flats of 100 plants \$5.00.

## Protect Your Trees

**Proper Tree Protectors.** All young deciduous fruit trees and deciduous shade trees should be protected for the first season at least by the use of Tree Protectors or Tree White in order to prevent sunburn which may lead to serious injury from borers. Tree protectors also offer the finest protection from rabbits and squirrels which may gnaw the bark of trees. Easily attached. Use 30-inch for Walnuts and Pecans, 24-inch for Peaches, Apples, Apricots and most deciduous trees; 18-inch for Citrus, Avocados and Figs.

	Each	Per 100	Per 1000
10-inch	\$0.15	\$3.50	\$30.00
18-inch	.25	3.00	25.00
24-inch	.35	3.00	25.00

**Tree White.** The very finest material for making a preparation to paint tree trunks to prevent sunburn. Simply mix the powder with water to the desired consistency. 5-lb. package \$10; 1-lb. package \$20.

## Planting Distances

Variety	Feet Apart
Oranges, Lemons	16 to 25
Avocados	25 to 35
Peaches, Apricots	16 to 25
Pears, Apples, Figs	16 to 25
Walnuts and Pecans	4 to 6
Citrus	16 to 25
Japanese Low-Pruned Figs	16 to 25
Grape Vines	8 to 10
Blackberries, Boysenberries	6 to 8
Raspberries	6 to 8
Strawberries	16 to 25
Eucalyptus for "Windbreak"	4 to 6

## Number Plants to An Acre

Distance Apart	No. Plants
9 feet by 9 feet	157
9 feet by 10 feet	144
10 feet by 10 feet	121
10 feet by 12 feet	111
12 feet by 12 feet	100
12 feet by 15 feet	90
15 feet by 15 feet	80
15 feet by 20 feet	70
20 feet by 20 feet	60
20 feet by 25 feet	50
25 feet by 25 feet	40
40 feet by 40 feet	10
50 feet by 50 feet	5

# A Guide to Successful Planting

## Plants for Arizona

Here is a list of shrubs, trees and vines suited to Arizona and the dry desert sections of California. If you are in the northern part of this area or at a high altitude, check minimum temperatures given in each description. Page numbers given below.

**Abelia Grandiflora (45)**  
**African Boxwood (55)**  
**Azoborides (30)**  
**Arctotis (23)**  
**Australian Bluebell Creeper (57)**  
**Australian Fuchsia (34, 49)**  
**Beautybush (25)**  
**Big Yellow Spanish Broom (57)**  
**Blue Chaste Tree (26)**  
**Blue Morocco Creeper (37)**  
**Bottle Brush (47)**  
**Brazilian Sour Orange (3)**

**Bridal Veil Broom (51)**  
**Bridal Wreaths (26)**  
**Buddleias (45)**  
**Burnford Holly (35, 53)**  
**California Holly (55)**  
**Callistemon Red Chico (47)**  
**Canary Island Lupins (45)**  
**Cassias (47)**  
**Coffee Berry (57)**  
**Coloneasters (49)**  
**Crape Myrtles (25)**  
**Desert Willow (25)**  
**European Smoke Tree (25)**  
**Evergreen Euonymus (51)**  
**Evergreen Pear (56)**  
**Erdinary Pink Tamarix (26)**  
**Fertile Chinese Holly (53)**  
**Eriothorn (34, 56)**  
**Flowering Crab Apple (28)**  
**Flowering Quince (25)**  
**Gazanias (37)**  
**Giant Mautija Poppy (57, 59)**

**Geraldton Vix Flower (34, 43)**  
**Geraniums (24)**  
**Italian Cypress (29)**  
**Japanese Boxwood (45)**  
**Jasmines (54, 61, 62)**  
**Lantana (27, 53)**  
**Laurustinus (59)**  
**Lemonade Berry (57)**  
**Lippia (37)**  
**Mexican Mallow (57)**  
**Meyer Lemon (4, 5)**  
**Myrtles (55)**  
**Nandara (55)**  
**Natal Plum (8, 43)**  
**Oleanders (55)**  
**Pampas Grass (53)**  
**Photinia (55, 53)**  
**Purple Guava (8)**  
**Phytosporum (56)**  
**Plumbago (55)**  
**Bonsetias (51)**

**Privet (54)**  
**Red Winter Creeper (37, 51)**  
**Rockroses (48)**  
**Rosemary (56)**  
**San Diego Fremontia (51)**  
**Scarlet Bottle Brush (47)**  
**Sheela Daisy (24)**  
**Silver Alligator Juniper (29)**  
**Silver and Blue Germander (56)**  
**Silver and Gold Bush (51)**  
**South African Daisy Bush (50)**  
**Spreading Savin Juniper (29)**  
**Strawberry Trees (45)**  
**Sugar Bush (57)**  
**Sun-Roses (52)**  
**Syringas (26, 34, 56)**  
**Tea Tree (54)**  
**Teatate Cypress (29)**  
**Thyme (24)**  
**Trinidad Flame Bush (35, 46)**



# Planting Guide (Continued) What and Where to Plant

## For Arizona (continued)

### Trees

Aleppo Pine (30)  
Arizona Cypress (2)  
Ash (27, 31)  
Bottle Tree (33)  
Carob (31)  
Cottonwood (26)  
Desert Willow (25)  
Elm (28, 33)  
Eucalyptus (32)  
European Sycamore (28)  
Hackberry (27)  
Italian Cypress (29)  
Mulberry (27)  
Olive Tree (7)  
Orchid Tree (31)  
Palms (59)  
Parkinsonia (33)  
Pepper Tree (33)  
Pistachio (12, 23)  
Poplars (28)  
Umbrella (27)

### Vines

Blueberry Climber (60)  
Boston Ivy (62)  
Bougainvilleas (60)  
Cape Honeysuckle (62)  
Carolina Jessamine (61)  
Catalaw Yellow Trumpet (61)  
Climbing Syringa (56, 62)  
Evergreen Grape (60)  
Fig Vine (61)  
Flame Vine (62)  
Gilded Fairyvine (61)  
Gloryvine Grape (62)  
Green-Gold Vine (62)  
Honeysuckles (60, 61, 62)  
Ivies (37, 61)  
Jasmines (61, 62)  
Orange Red Trumpet (60)  
Rosa de Montana (60)  
Roses, Climbing (63-65)  
Scarlet Woodbine (61)  
Silver Lace Vine (62)  
Star Jasmine (62)  
Syringa (62)  
Trumpet Vine (60-62)  
Wistaria (62)

## Fragrant Plants

Azaleas (42)  
Azara (45)  
Banana Shrub (55)  
Bechtels Double Flow. Crab (28)  
Bouvardias (46)  
Brazilian Sour Orange (3)  
Bridal Veil Broom (51)  
Buddleias (46)  
Calamondin (3, 31)  
Carolina Jessamine (61)  
Ceanothus (47)  
Cassias (47)  
Chinese Dwarf Lemon (4, 5)  
Climbing Syringa (56, 62)  
Daphnes (49)  
Daylilies (24)  
Deciduous Magnolia (26)  
Escallonia (51)  
Evergreen Pear (56)  
Fragrant Corsage Plant (62)  
Gardenias (51, 52)  
Gingerlilies (52)  
Glorybower (48)  
Heliotropes (23)  
Honey Coronilla (48)  
Honeysuckles (60, 61, 62)  
Lemon Verbena (54)  
Lilacs (26, 34)  
Natal Plum (6, 46)  
Mexican Orange (47)  
Mock Orange (26)  
Nepal Privet (54)  
Night Blooming Jessamine (47)  
Orange Jessamine (55)  
Osmanthus (55, 56)  
Passion Fruit (7, 62)  
Pink Fleshed Lemon (4)  
Pittosporums (55, 56)  
Royal Trumpet Vine (61)  
Roses—many varieties (63-76)  
Silver Lace Vine (62)  
Spanish Jasmine (61)  
Star Jasmine (62)  
Vanilla Scented Trumpet Vine (61)  
Violets (24)  
Wintersweet (25)  
Wistarias (62)  
Yesterday, Today, Tomorrow (46)  
Viburnums (26, 58, 59)

## Fragrant Trees

Acacias (31)  
Flowering Apricot (28)  
Flowering Crab Apples (28)  
Hymenosporum (33)  
Magnolias (26, 33)

## Plants for Shady Places

Abelias (45)  
African Boxwood (35)  
Agapanthus, Blue African (23)  
Australian Bluebell Creeper (57)  
Australian Fuchsia (34, 45)  
Azaleas (42)  
Banyan (46)  
Bergenia cordifolia (23)  
Bird of Paradise (52)  
Blue Carpet (37)  
Blueberry Climber (60)  
Boston Ivy (62)  
Boxleaf Azara (45)  
Boxwood (46, 55)  
Catalas (24)  
Cape Honeysuckle (58, 62)  
Catalina Currant (57)  
Chinese Giant Snowball (58)  
Chinese Plumbago (47)  
Creeping Fig (61)  
Daphnes (49)  
Dianella (23)  
Dwarf Blue Ceanothus (43)  
English Laurel (55)  
Eranthemum (51)  
Escallonia (51)  
Eugenias (6, 51)  
Evergreen Pear (56)  
Fatsia (51)  
Fern Pine (30)  
Ferns (59)  
Fragrant Carpentaria (46)  
Fragrant Corsage Plant (62)  
Fuchsias (51)  
Gardenias (51, 52)  
Ginger Lily (52)  
Glossy Leaved Creeper (50)  
Golden Dust Plant (45)  
Gracilis Firethorn (34, 56)  
Ground Duke Jasmine (54)  
Ground Orchid (50)  
Hemerocallis (23, 24)  
Holly (35, 53)  
Holly Malpighia (54)  
Hollyleaf Sweetstirpe (52)  
Hydrangea (25, 52)  
Hypericum (53)  
Iris Maraea (24)  
Ivy (37, 61, 62)  
Japanese Anemone (23)  
Junipers (29)  
Lilac (26, 34)  
Lilyluri (59)  
Maidenhair Fern (59)  
Mexican Orange (47)  
Myrtle (55)  
Nandina (55)  
Natal Plum (6, 46)  
Necklace Cotoneaster (49)  
Night Blooming Jessamine (47)  
Orange Jessamine (55)  
Oregon Grape (54)  
Osmanthus (55, 56)  
Photinia (55, 56)  
Pink Indian Hawthorn (54)  
Pittosporum (55, 56)  
Plumbago (55)  
Princess Flower (59)  
Privet (54)  
Red-Leaved Maple (27)  
Reinwardtia indica (24)  
Rondeletia (42)  
Rusy Glorybower (45)  
Serbian Bellflower (23)  
Shrimp Plant (46)  
Skyflower (62)  
Star Jasmine (62)  
Star Magnolia (25)  
Strawberry Tree (49)  
Syringa (23, 24, 51)  
Terrestrial Orchid (50)  
Trollius Golden Wave (24)  
Trumpet Vine (60-62)  
Tulbaghia (24)  
Viburnum (26, 58, 59)  
Violets (24)  
Weigela (26)  
White Breath of Heaven (46)  
Wintersweet (25)  
Wood Strawberry (37)  
Xylosma (59)  
Yellow Cypella (23)  
Yesterday, Today, Tomorrow (46)  
Yew (30)

## Seashore Plants

Australian Bluebell Creeper (57)  
Bougainvilleas (60)  
Brazil Skyflower (57)  
Cape Honeysuckle (62)  
Climbing Peruvian Lily (60)  
Cup of Gold (62)  
Distichlis (51)  
Escallonia (51)  
Eugenias (6, 51)  
Flame Vine (62)  
Fragrant Corsage Plant (62)  
Fuchsias (51)  
Gardenias (37)  
Geraniums (24)  
Hibiscus (53)  
Ice Plants (37)  
Lantana (37, 53)  
Lippia (37)  
Myrtle (55)  
Natal Plum (6, 46)  
Night Blooming Jessamine (47)  
Oleanders (55)  
Orange Clock Vine (58, 62)  
Pittosporum (56)  
Plumbago (55)  
Pride of Madeira (23)  
Privets (54)  
Red Lantern Plant (54)  
Rockroses (49)  
Rosemary (56)  
Scarlet Bottle Brush (47)  
Shore Juniper (29)  
Sky Flower (62)  
Sun Roses (52)  
Tea Trees (54)  
Trumpet Vines (60-62)

## Winter Flowering

Azaleas (42)  
Australian Fuchsias (34, 49)  
Bearberry (45)  
Bergenia (23)  
Bird of Paradise (58)  
Blue and Gold Daisy (22)  
Blue Winter Franchetia (51)  
Bougainvilleas (60)  
Bouvardias (46)  
Breath of Heaven (46)  
California Strawberry (37)  
Cape Honeysuckle (58, 62)  
Cape Plumbago (55)  
Catalina Currant (57)  
Chinese Hat Plant (57)  
Cymbidiums (50)  
Daphnes (49)  
Dwarf Roses (66)  
Everblooming Daisy (22)  
Feathery Cassia (47)  
Flame Pea (47)  
Flame Vine (62)  
Flowering Crab Apple (23)  
Flowering Quince (25)  
Gerrard Wax Flower (49)  
Geraniums (24)  
Gilded Fairyvine (61)  
Golden Wonder (47)  
Ground Orchid (50)  
Hardenbergia (61)  
Hardy Yellow Trumpet (59)  
Heather (50)  
Hibiscus (53)  
Hollyleaf Sweetstirpe (52)  
Honey Coronilla (48)  
Korean Spice Viburnum (26)  
Lantanas (37, 53)  
Magnolias (25, 26, 27)  
Mexican Mallory (57)  
Oleanders (55)  
Orange Clockvine (58, 62)  
Osmanthus (55, 56)  
Pelargoniums (24)  
Petunias (51)  
Princess Flower (53)  
Red Flowering Maple (45)  
Red Lantern Plant (54)  
Red Winter Creeper (37, 51)  
Reinwardtia (24)  
Royal Trumpet (21)  
Salvia (57)  
San Clemente Snagdragon (51)  
Shrimp Plant (48)  
Skyflower (62)  
South African Daisy Bush (50)  
Star Magnolia (25)  
Streptosolen (58)  
Tea Trees (54)  
Thryallis (57, 58)  
Trailing Lantana (37, 53)  
Trumpet Vine (61, 62)  
Weigela (26)  
Wintersweet (25)  
Yesterday, Today, Tomorrow (46)

## For the Mountains and Colder Areas

(Minimum temperatures given in descriptions)

Abelias (45)  
Arbutus (30)  
Babywhite Calla (24)  
Barberries (45)  
Bearberry (45)  
Beautybush (25)  
Blueberry Climber (60)  
Blue Carpet (37)  
Blue Chaste (26)  
Blue Lawson Cypress (29)  
Blue Star Hydrangea (25)  
Boston Ivy (62)  
Bridal Wreath (47)  
Eucalyptus (57)  
California Holly (55)  
Ceanothus (47)  
Chinese Photinia (55, 56)  
Chinese Plum Trees (47)  
Clematis (61)  
Coffeeberry (57)  
Cotoneasters (49)  
Day Lilies (24)  
Dwarf Blue Ceanothus (43)  
Dwarf Roses (66)  
Evergreen Pear (56)  
Ferns (59)  
Flowering Crab Apple (23)  
Flowering Quince (25)  
Golden Giant Honeysuckle (61)  
Hall's Honeysuckle (61)  
Hollies (35, 53)  
Holly Leaf Cherry (56)  
Hydrangeas (25, 52)  
Hypericum (53)  
Italian Cypress (29)  
Japanese Anemone (23)  
Junipers (29)  
Kniphofia (23)  
Korean Boxwood (46)  
Lemonade Berry (57)  
Lilacs (26, 34, 47)  
Lilyluri (59)  
Manchu Cherry (26)  
Old Fashioned Lavender (54)  
Orange Red Trumpet Vine (61)  
Oregon Grape (54)  
Perennial Sunflower (23)  
Phlox (24)  
Privets (54)  
Pyracantha (34, 56)  
Red Winter Creeper (37, 51)  
Roses Climbing (63, 66)  
Serbian Bell Flower (23, 35)  
Shasta Daisy (24)  
Silver Lace Vine (62)  
Spirea Anthony Waterer (26)  
Stranvessia (56)  
Purple Spot Mock Orange (27)  
Star Magnolia (25)  
Strawberries, Ground Cover (27)  
Strawberry Marlene (45)  
Sugar Bush (57)  
Viburnums (26)  
Weeping Mulberry (27)  
Weigela (26)  
Western Redbud (25)  
Wistarias (62)  
Wintersweet (25)

## Fruiting Ornamentals

Avocados (21, 22)  
Calamondin (3)  
Cherimoya (7)  
Chestnuts (12)  
Fruit Espaliers (11, 20)  
Glossy Leaved Creeper (50)  
Gloryvine Grape (62)  
Loquat (6)  
Manchu Bush Cherry (26)  
Meyer Lemon (4)  
Mulberries (27)  
Myrtle-Leaved Orange (5)  
Natal Plum (6)  
Olives (7)  
Passion Fruit (7)  
Pink-Fleshed Lemon (4)  
Pineapple Guava (8)  
Pomegranate (13)  
Queensland Nut (3)  
Rose-Apple (6)  
Strawberry Guava (8)  
Surinam Cherry (9)

# Genuine Armstrong Products at Three Salesyards

## Main Display Yards at Ontario

408 North Euclid Ave. Ontario, California  
Telephone Ontario 611-44

Our main offices and display yards are located on famous Euclid Avenue at Ontario, 35 miles east of Los Angeles. Two main east and west boulevards, the Foothill Blvd. (U. S. 66) and the Valley Blvd. (U. S. 99) cross the beautiful double drive Euclid Avenue within a few blocks of our display yards. See map on opposite page.

## Address All Correspondence to Ontario

All mail orders are handled at our Ontario office. All mail, express and freight shipments are made from there. Truck deliveries are made from Ontario to all of the unshaded area on the map on opposite page. All mail requests for information or quotations should be sent to our Ontario office.

## Culver City Branch

4440 Sepulveda Blvd. Culver City, California  
Phone: ARdmore 82-665

Our newest Branch is located on Sepulveda Blvd. in Culver City four blocks south of Culver Blvd., and is easily reached from any part of Los Angeles, Beverly Hills, Inglewood, and any of the Los Angeles County beach cities. This is a cash and carry Branch only, with no deliveries being made from this location.



Map showing location of Culver City Branch

## Read Your Catalog

This catalog is designed to be your helpful guide. Now, more than ever, you will need to rely on the valuable information which it contains. The services of our skilled landscape men are no longer available to you since they are all either in the Armed Forces or in more essential nursery work.

The catalog descriptions for each fruiting or ornamental variety contain information which will help you to select the proper kinds for your location. They tell how large each plant grows, whether they prefer sun or shade, and the minimum temperatures which they will stand.

The "Guide to Successful Planting" on pages 37 and 38 will give you further help in selecting for certain climates and locations. If it is convenient for you to visit one of our three Display Yards, you will find there, ready to serve you, trained salesmen and salesladies who can give you the information you need. They can tell you what fruits and ornamentals are best suited to your particular area, and if you can bring along a rough sketch of your home place, they will assist you to select your plant material for the locations about which you are in doubt.

## North Hollywood Branch

12908 Magnolia Blvd. North Hollywood, Calif.  
Telephone } SUNset 11522  
STanley 72394

Our North Hollywood Branch is located between Van Nuys and North Hollywood at the corner of Magnolia Blvd. and Coldwater Canyon Ave., only a short distance north of Ventura Blvd. This is a convenient location for all of the San Fernando Valley, Burbank, Glendale, Pasadena and adjacent territory. Truck delivery service to all points in the San Fernando Valley (including Burbank), insofar as wartime regulations and equipment will permit. This is a cash Branch only. No mail, express or freight orders are shipped from this location.



Map showing location of North Hollywood Branch

## You Will Enjoy a Visit

At all three of our Display Yards you'll find a great wealth of beautiful plant material on display for you to look at and enjoy. It is a continuous fruit and flower show at all three places. Courteous salesmen are there to give you the planting information you may need.

All of our Display Yards, with salesmen in attendance, are open every day, including Sunday, all through the year except that one or more Yards may be closed on Sundays during July, August and September. All Yards are closed on New Year's Day, Memorial Day, Easter Sunday, July 4th, Labor Day, Thanksgiving and Christmas Day. We can always give you better service if you visit us on a week-day.

## Send All Orders to Ontario

Please forward all mail orders to our Ontario office since all mail, express and freight shipments are handled from there and all Southern California truck deliveries originate there except those placed in person at our North Hollywood Branch. All correspondence should be sent to Ontario also since there are no facilities to handle mail at either of our Branches.

## Planting Instructions With Every Order

With each order we send out goes a set of planting instructions for the various kinds of plant material, both fruiting and ornamental. Please look for these instructions when you get your plants. Read them carefully and follow them. They have been carefully drawn up to help you get the best results from your Armstrong trees and plants. We are just as eager as you are to have your plants do as much or more than you expect them to do, and we have given plenty of thought to these planting instructions. For your own benefit, please follow them.

## Better Plants With Peat Moss

**Peat Moss.** This finely ground, centuries old moss is just the thing to lighten heavy clay soils and to mix with sandy soils so that they will retain moisture better. It is almost necessary to use it in Southern California in order to provide an acid soil for Azalea and Camellias.

Each bale contains 20 bushels of humus and will cover at least 300 square feet one inch deep. Fifteen to twenty pounds of peat moss mixed with the soil around each newly planted shrub or tree will pay big dividends and in light sandy soils will save enough water to pay for itself many times over. Be sure to soak the peat in water before mixing with the soil. Large bales, \$5.50 each; one-half bale, \$3.00 each.

## Truck Delivery

If you are in our delivery zone as shown on the map at the right, any order you place amounting to \$2.50 or more can usually be delivered safely to your door on one of our covered trucks for the small delivery charge of 50c. Small, light weight orders consisting of berry plants, grape vines, up to 15 rose bushes, up to 10 deciduous fruit trees, etc., can be more economically shipped into this area by mail. See next page.

No delivery charge to San Fernando Valley points on orders placed at our North Hollywood Branch.

By careful conservation of rubber and truck equipment we are able to continue this service for our customers. Please note that because of the necessity of sending out only full loads and combining routes (and because some parts of your order may have to be dug fresh from our growing grounds), it may take from one to two weeks to get delivery on your order, and no specific date of delivery can be promised.

### San Diego, Santa Barbara

Our covered trucks deliver to these two cities, nearby areas and locations near through highways, as often as we have full loads. Delivery charges are reasonable. If in a hurry for your order, better give us the option of shipping by express or freight.



We deliver from Ontario by truck to the unshaded area on this map for 50c per order (any size order over \$2.50). Unforeseen conditions may make it necessary for us to ship any order by mail, express or freight.

## Please Observe When Ordering

**TERMS.** Cash with order. Send postoffice or express money order, bank draft or check. No orders sent C.O.D. No shipping orders accepted for less than \$2.50. All purchasers whose orders are being shipped to California points will please add California Sales Tax of 2½%.

**PRICES SUBJECT TO CHANGE.** Unforeseen conditions may make it necessary for us to change the prices quoted in this catalog at any time, without notice, and we reserve the right to make such changes. All quotations made by us prior to the issuance of this catalog are hereby canceled. All orders are accepted subject only to the stock being available at time of delivery.

**INSPECTION.** We guarantee all shipments to pass inspection wherever shipped. In most California counties plants must be inspected upon arrival. Look for directions on inspection tag attached to order. For information concerning inspection, telephone your local inspector or the office of your County Agricultural Commissioner.

**PACKING CHARGE.** On mail, express and freight shipments we make a packing charge on balled fruit trees (citrus, avocados, subtropicals), balled ornamentals, and all plants in tins, pots or other containers (except Camellias), this to partially defray the cost of the expensive packing materials used. Figure the charge this way: Add together the cost of these kinds of plants on your order. Take 10% of it. That is the packing charge to include in your remittance. Do not add in items not mentioned like berries, deciduous fruit trees, roses, etc. No packing charge on orders delivered by our truck.

**GUARANTEE.** Our reputation depends upon your having good results with Armstrong plants. We handle them carefully to get them to you in excellent condition—give you planting instructions based on our experience. Plants are subject to the whims of Nature and man, and no one can guarantee that a certain one will thrive. When our instructions are followed, however, only very rarely should you lose a plant. Tell us immediately if any shipment on arrival is in any way unsatisfactory. At any time please feel free to ask our salesman to help you find why a certain plant failed so that the next planting will do well. It is our desire to make fair adjustments and help you get the best results possible.

## A Word to Our Friends

As with all business firms in these days, the Armstrong Nurseries must meet and solve new wartime problems each day in order to continue to grow and supply plant materials to you, our customers. We appreciate the patronage that our friends have given us during the past year. We have not at all times been able to give the same service that it has been our habit to give in the past. At the time this catalog is issued, 30 of our valued Armstrong employees are serving in the Army, Navy or Coast Guard. The rest of our organization is doing its utmost to grow and deliver the quality trees and plants that you need while doing what little we can to help win the war.

In addition to growing nursery stock, the Armstrong Nurseries produces needed food in rather a large way, operating more than 280 acres of orange, lemon, grapefruit and peach orchards and growing a considerable acreage of vegetables.

Our Landscape Planting Service is a war casualty since all of our landscape men are now in military service or doing more essential nursery work.

The problem of getting your orders to you is not always a simple one in wartime, but we will use every effort to see that your order is delivered as promptly as possible. If those of our customers who live close enough to visit one of our three convenient Salesyards, will take with them in their cars as much as they can conveniently carry, we will greatly appreciate it, since we must make our available trucks and tires last for the duration.

In the meantime, you can count upon Armstrong plant materials being of the same high quality and giving you the same dependable results as they have in the past 54 years.

# Armstrong Nurseries

408 North Euclid Avenue

Ontario, California

# Order By Parcel Post—Express or Freight

For 54 years Armstrong customers in all parts of the world have been sending in their orders by mail. They know that they will get only the fine quality plants that everybody associates with the Armstrong name. We have hundreds of letters in our files, letters that say: "My plants arrived in excellent condition, thanks to your splendid packing." Naturally, it requires special knowledge and experience to pack live plants so that they will reach you in good condition and at a minimum cost. Wartime conditions and government regulations may cause unforeseen delays in handling shipping orders, but you may be assured that we will use every effort to get your order to you safely, economically and promptly.



Shipping Weight	Zones							
	1 and 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8	Zone 9
	not over 150 Miles	150 to 300 Miles	300 to 600 Miles	600 to 1000 Miles	1000 to 1400 Miles	1400 to 1800 Miles	1800 to 2400 Miles	Over 2400 Miles
1 lb.	.08	.09	.10	.11	.12	.14	.15	
2 lbs.	.10	.11	.14	.17	.19	.23	.26	
3 "	.11	.13	.17	.22	.26	.32	.37	
4 "	.12	.15	.21	.27	.33	.41	.48	
5 "	.13	.17	.24	.33	.40	.50	.59	
6 "	.14	.19	.28	.38	.47	.59	.70	
7 "	.15	.21	.31	.43	.54	.68	.81	
8 "	.16	.23	.35	.49	.61	.77	.92	
9 "	.17	.25	.38	.54	.68	.86	1.03	
10 "	.18	.27	.42	.59	.75	.95	1.14	
11 "	.19	.29	.45	.64	.82	1.04	1.25	
12 "	.21	.31	.49	.70	.89	1.13	1.36	
13 "	.22	.33	.52	.75	.95	1.22	1.47	
14 "	.23	.35	.56	.80	1.03	1.31	1.58	
15 "	.24	.37	.59	.86	1.10	1.40	1.69	
16 "	.25	.39	.63	.91	1.17	1.49	1.80	
17 "	.26	.41	.66	.96	1.24	1.58	1.91	
18 "	.27	.43	.70	1.02	1.31	1.67	2.02	
19 "	.28	.45	.73	1.07	1.38	1.75	2.12	
20 "	.29	.47	.77	1.12	1.45	1.85	2.24	
21 "	.30	.49	.80	1.17	1.52	1.94	2.35	
22 "	.32	.51	.84	1.23	1.59	2.03	2.46	
23 "	.33	.53	.87	1.28	1.66	2.12	2.57	
24 "	.34	.55	.91	1.33	1.73	2.21	2.68	
25 "	.35	.57	.94	1.39	1.80	2.30	2.79	

## What Method to Use

1. **Determine the Weight.** On the back of the order blank opposite and throughout this catalog you will find the shipping weights given for each type of plant. For example, see page 1 for citrus; 6 for deciduous trees; 66 for rose bushes, etc. The total weight usually determines the best method of shipment.

2. **Parcel Post.** If your order consists of berry plants up to 35 grape vines, up to 15 rose bushes, up to 10 deciduous fruit trees or bare root shrubs or trees or root divisions or topiary plants in 6" tin, parcel post is the most economical method of transportation.

3. **Express.** Packages weighing up to 70 lbs. can be sent by parcel post, but usually shipments of 20 lbs. or over can be handled best by express. Express is much quicker and more certain than freight under wartime conditions. Certain large but relatively light items, such as tree roses and larger deciduous ornamental trees, must be sent by express or cut back very severely.

4. **Freight.** Heavy shipments, 50 lbs. or more are usually best shipped by freight.

## If Using Parcel Post

1. Approximate shipping weights for each item are indicated in the catalog also in table on back of order blank. To determine the total weight of the shipment, list and add the shipping weights of each item on your order.

2. Determine your Postal Zone from the Zone Map above or miles from Ontario in the table.

3. From the table at the right of the Zone Map it is easy to figure how much postage to include with your order. For example, if you ordered 5 fruit trees weighing 6 lbs. and live in the 5th Zone, the correct amount would be 19¢.

4. Be sure to include enough extra for postage with your remittance, as we have to pay postage in advance. We make no C.O.D. mail shipments. Shipping weights vary slightly and these indicated will provide a fairly accurate basis for figuring. The amount may be smaller or greater, but you are charged only what postage is actually needed to ship your order. All extra will be promptly refunded.

## Express Shipments

Express is one of the most practical methods of shipping plant materials. The fastest passenger trains carry express shipments to all parts of the country. Wartime transportation delays have not affected express shipments as much as freight. There are no size or weight limitations.

Each express shipment valued at \$50.00 or less is automatically insured against damage or loss and perishable shipments are given special careful handling, all at no extra cost. If you live in town delivery will be made right to your door; otherwise, your express agent will telephone or mail a notice of arrival immediately.

Send no money for express charges. Unless you wish to make special arrangements, they will be collected when delivery is made.

The table below will help you estimate express charges on your order. Example: If your order weighs 30 lbs. and you live 200 miles from Ontario, charges will be about 76¢.

## Table for Express Rates

	Miles from Ontario						
	100	200	400	600	1000	1500	2000
15 lbs.	.41	.47	.59	.71	.94	1.24	1.42
20 "	.49	.57	.73	.88	1.19	1.60	1.83
25 "	.56	.67	.86	1.06	1.44	1.96	2.24
30 "	.64	.76	1.00	1.24	1.69	2.31	2.65
35 "	.72	.86	1.14	1.41	1.94	2.66	3.07
40 "	.79	.96	1.27	1.59	2.20	3.01	3.48
45 "	.87	1.06	1.41	1.78	2.44	3.37	3.89
50 "	.94	1.15	1.54	1.93	2.70	3.73	5.30
60 "	1.10	1.35	1.81	2.29	3.20	4.43	5.12
70 "	1.25	1.54	2.09	2.64	3.70	5.14	5.95
80 "	1.41	1.74	2.36	2.99	4.21	5.85	6.77
90 "	1.56	1.84	2.63	3.34	4.71	6.56	7.60
100 "	1.63	2.05	2.83	3.61	5.14	7.19	8.34

In most of Southern California (see page 40) we get your order to you, usually by our truck, for a 50¢ packing and delivery charge. Outside of our delivery zone we use our judgment unless you specify method of shipment.

## Freight Shipments

For heavy shipments (50 lbs. or over) freight is the most economical method of delivery. We use either fast "through rail service," or dependable hi-way truck line, whichever serves you best. If you live within the limits of your city or town, delivery will in most cases be made right to your door.

The minimum freight charge usually is the rate for 100 lbs. You make the greatest saving, therefore, when you build your order up to 100 lbs. or more. Charges on shipments weighing over 100 lbs. are based on the actual weight at the per 100 lb. rate.

Send no money for freight charges unless you especially want the shipment prepaid. You pay them when delivery is made. The table below will help you figure approximately how much the freight on your order will be. Figure from the town in the table nearest you and make necessary allowances.

## Table for Freight Rates

From Ontario to	Per 100 lbs.
Bakersfield, Calif.	1.66
Fresno, Calif.	1.68
San Francisco, Calif.	1.17
El Centro, Calif.	1.67
Redding, Calif.	1.37
Portland, Oregon	1.77
Seattle, Washington	1.81
Phoenix, Arizona	1.67
Yuma, Arizona	1.81
Tucson, Arizona	1.21
Prescott, Arizona	1.21
Las Vegas, Nevada	1.07
Albuquerque, New Mexico	1.37
Deming, New Mexico	1.95
Salt Lake City, Utah	1.89
Denver, Colorado	3.17
El Paso, Texas	1.65
Houston, Texas	3.35
Oklahoma City, Okla.	3.93
New Orleans, Louisiana	4.17
Atlanta, Georgia	4.52
Miami, Florida	4.64
St. Louis, Missouri	4.17
Chicago, Illinois	4.28
New York, New York	4.64





FROM

PLACE  
STAMP  
HERE

# ARMSTRONG NURSERIES

408 NORTH EUCLID AVE.

ONTARIO, CALIFORNIA

(Do not write in this space)

### Credit

Order Number

**Phone 611-44**

ONTARIO, CALIF., Date \_\_\_\_\_

**Amount Enclosed:**

**SOLD TO**

(Please Print Name)

MAIL ADDRESS

CITY &amp; STATE

SHIP TO

STREET (or Box)

CITY &amp; STATE

COUNTY

If ANY item is out of stock, may we substitute? Write Yes or No.

Loaded by.

Filled

Chkd.

Pkd.

Bales

Boxes

### Crates.

Pkgs.

## Cartons

Shpd.

Please send full payment  
with order. No C.O.D.'s  
please.

**When to be Shipped:**

### How to be Shipped:

Express, Freight, Mail, Truck

Use both name and code number when ordering. Please write messages on separate sheet.

**PACKING CHARGE.** See explanation on the reverse side of the order blank.

**DELIVERY CHARGE.** See page 40 for truck delivery charge page 41 for postage on mail

The Armstrong Nurseries will exercise care to have all stock true to name, nevertheless it is understood and agreed that should any stock prove untrue to name, the Armstrong Nurseries shall be liable only for the sum paid for the stock which may prove untrue, and shall not be liable for any greater amount. The Armstrong Nurseries book all orders with the understanding that same shall be void should injury befall the stock from flood, drouth, frost or other causes beyond their control. All orders travel at risk and cost of purchaser.

Total	Including Items On Other Side
100	100

Sales Tax (2½ % in Calif.)

Packing Charge

Delivery Charge

TOTAL



### EXPLANATION OF PACKING CHARGE

**PACKING CHARGE.** On mail, express and freight shipments we make a packing charge on balled fruit trees (citrus, avocados, subtropicals) and all plants in tins, pots or other containers (except Camellias), this to partially defray the cost of the expensive packing materials used. Figure the charge this way: Add together the cost of these kinds of plants on your order. Take 10% of it. That is the packing charge to include in your remittance. Do not add in items not mentioned like berries, bare root deciduous fruit trees, roses, etc. No packing charge on orders delivered by our truck.

### USE THIS TABLE TO ESTIMATE WEIGHT OF YOUR ORDER

**Berries** (except Strawberries) 10 plants weigh 3 lbs. Other quantities in proportion.

**Strawberries.** 25 plants weigh 1 lb.

**Grapes.** First plant 1 lb., each additional plant 1/2 lb.

**Deciduous Fruit Trees:** Peaches, Apricots, Cherries, Plums, Almonds, Prunes, Pears, Nectarines, Quinces. First tree 3 lbs., each additional tree 1½lbs.

**Deciduous Fruit Trees:** Apples, Figs, Persimmons, Chestnuts. First tree 5 lbs., each additional tree 1½ lbs.

Pecans, Walnuts, Hiccans. First tree 6 lbs.  
each added tree 3 lbs.

Citrus Trees. Bare Root. 1-yr. First tree 2 lbs., each added tree 1 lb.

Citrus Trees. Bare Root. 2 yr. First tree 4 lbs., each added tree 2 lbs.

Citrus Trees, Balled, 1-vr. 40 lbs. each.

Citrus Trees, Balled, 2-vr. 60 lbs. each

Avocados, Loquats, Cherimoyas, Sapotes. Balled. Average 50 lbs. each.

Avocados, Cherimoyas. Bare Root. Average  
first tree 3 lbs., each added 2 lbs.

Roses, Bush and Climbing. First plant 2 lbs.,  
each added 1 lb.

Tree Roses, Bare Root. First plant 7 lbs.,  
more, 2 lbs. each.

All plants in 4-inch pots. 3 lbs.

All plants in gal. tins. 10 lbs (Except Camellias which weigh 4 lbs.)

All plants in 5-gal. tins. 50 lbs (Except Camellias which weigh 30 lbs.)

Ornamentals. Balled. Average 50 lbs

Deciduous Shrubs. Bare Root. Average, first tree 3 lbs., each added 2 lbs.

**Deciduous Shade Trees. Bare Root.** 4-6 ft. 5 lbs.; 6-8 ft. 7 lbs.; 8-10 ft. 10 lbs.; 10-12 ft. 14 lbs.

Azaleas, 6-inch pots, 3 lbs. each

**FOR BILLING DEPT. ONLY**

Mdse. Total \_\_\_\_\_

Sales Tax \_\_\_\_\_

Packing Charge \_\_\_\_\_

Delivery Charge

Truck 1

Mail

Express

Freight 1

TOTAL \_\_\_\_\_

 $\alpha'/c$  ,  $c/s$ 

c/g

PAID

you

Due

US

# Armstrong Nurseries

408 North Euclid Avenue

## MAIN OFFICES AND SALESYARDS

**Telephone Ontario 611-44**

**Address All Correspondence and Mail Orders to Ontario**

## Ontario, California



# Armstrong Azaleas

Every year more garden enthusiasts are enjoying the glorious mass of brilliant spring color which Azaleas produce.

**How to grow them.** Azaleas prefer full shade or semi-shade and do well next to the house on the north side or under trees. Observe three rules: (1) Plant them in an acid soil composed largely of leaf mold or peat moss. (2) Keep the soil acid by frequent applications of an acid plant food (we have it or you can get it anywhere). (3) Give them plenty of water, especially during the warm, dry summer season. Detailed planting instructions go with every order.

**See them in bloom.** Our three Display Yards are brilliant during late winter and spring with thousands of blooms on beautiful plants of the three finest types of Azaleas. See this display once and you will want these spectacular heralds of spring in your garden.

**Shipping Weights on Azaleas:** 6-inch pots, 3 lbs.; 9-inch pots, 8 lbs.; tubs, 50 lbs.



Azalea L. J. Bobink



Purity. One of the Rutherfordiana Azaleas. Very fragrant.

## Colorful Kurume Azaleas

Kurume Azaleas will always be popular because they bloom so heavily. During their brief early winter nap they lose some of their leaves but awake early, and burst into flower before winter is over. At the height of their blooming season they are indescribably lovely clouds of small pastel colored flowers. All the colors blend well together and massed plantings are very effective. The plants reach 2 to 6 ft. in height, are hardy down to zero and grow easily.

All varieties, blooming sizes, 6-inch pots, \$1.50, 9-inch pots, \$3.00; large specimens in tubs, \$7.50. Flowers single unless noted.

**Bells of Arcady. SA31.** Deep lavender, very large bell-shaped flowers.

**Botticelli. SA32.** Apple blossom pink and cream. Semi-double (two rows of petals).

**Cherry Ripe. SA33** Bright cherry red.

**Coral Bells. SA34.** The beautiful semi-double flowers have several shades of coral and pink.

**Coralie. SA35.** Glowing salmon. Semi-double.

**Firebird. SA36.** Scarlet shaded orange.

**Laughing Water. SA37.** Very large, pure white, 2½ inches across. Most fragrant.

**Santoi. SA41.** Creamy light pink.

**Snowbank. SA42.** Large fragrant white.

**Snowflake Double. SA43.** Semi-double pure white blooms in thick masses.

**Sunstar. SA44.** Large deep pink.

**Vivid. SA45.** Brilliant orange-red. Semi-double.

**Wood Dove. SA46.** Deep mauve-lavender.

## Indian Azaleas

These are the evergreen Indian Azaleas for which many of the famous Azalea gardens in our Southern States are noted. Indian Azaleas in much of California are just as gorgeous as in the Old South. The huge blooms, 3 and 4 inches across, show off well against the verdant evergreen foliage. They grow 3 to 5 feet high. 26°. Price: 6-inch pots, \$2.25; 9-inch pots, \$3.50.

**Albert and Elizabeth. SA20.** Very large flowered, pink and white, striped and blotched.

**Mme. Petrick. SA24.** Striped white and rose.

**Mme. Van Der Cruysen. SA28.** Three-inch flowers of clear salmon-pink with crimson dot markings in the throat. 3-foot grower.

**Paul Schame. SA22.** Deep salmon orange.

**Pride of Mobile. SA25.** A large, single, watermelon-pink with deep crimson markings.

**Vervaneana. SA29.** Salmon-rose with lighter pink border and crimson dot markings, also salmon flowers occasionally. 3 to 5 ft.

## The New Azalea Rutherfordiana

These new hybrids combine all of the finest characteristics of other types of Azaleas. The flowers are very large, usually double, and are borne in clusters. The handsome foliage is evergreen and large. Anywhere along the Pacific Coast or the Southern States the plants are smothered in blooms every spring. The plants themselves are hardy down to zero, but the most tender flower buds may be damaged by temperatures below 25°. 2 to 5 ft.

All varieties, blooming sizes, 6-in. pots, \$2.25; 9-inch pots, \$3.50; specimens in tubs, \$7.50.

**Alaska. SA1.** A garden blizzard of semi-double snow-white blooms. Early bloomer.

**Albion. SA2.** A most fragrant, pure white, semi-double kind, blooming late.

**Constance. SA3.** Deep lavender-pink, paling to creamy white in the center. Single.

**Dorothy Gish. SA5.** Brick-red with rich red markings in the throat.

**Firelight. SA7.** Glowing light crimson. Semi-double. An early bloomer.

**L. J. Bobbink. SA8.** Very free-flowering, fragrant, soft orchid-lavender. Semi-double.

**Mary Corcoran. SA9.** Best single, apple blossom-pink, flecked deep rose in the throat.

**Pink Ruffles. SA12.** Uniform deep bright pink, with two rows of ruffled petals.

**Pinky. SA13.** There is also a little rich salmon tone in Pinky's double blooms.

**Purity. SA14.** Large, pure white blooms, quite fragrant, two rows of petals. See above.

**Red Cloud. SA15.** Deep bright red with maroon dots in center. Best of dark red Azaleas.

**Rose Queen. SA16.** Large, double, deep rose-pink. The best of the pink Azaleas.

**Sunset. SA18.** Showy, brick-red semi-double.

**Yuletide. SA19.** Semi-double, vivid cherry-red which blooms early.

## For Late Azalea Blooms

The two beautiful Azaleas below have no competition whatever in their season because they bloom six weeks after all other kinds are gone (May and June).

**Sakuragata. SA26.** Medium sized saucer shaped blooms, very bright pink, lightening to white in the center.

**Sei-Qua. SA27.** Same as above but luminous glowing salmon.

Plant's in 6-inch pots, \$2.00 each.

## Rose-Flowered Azalea

**Azalea roseiflora. (Balsam) SA30.** A rare dwarf gem with 2-inch, very double blooms of deep pink with a salmon undertone. They look like small, many-petaled, open rose blooms to some, but like miniature camellia blooms to us. 2-3 ft. 6-inch pots, \$2.25; 9-inch pots, \$3.50.

## A Tropical Queen

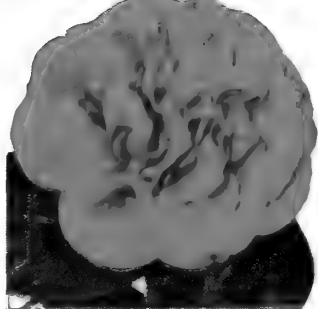
**Rondeletia cordata. ST22B. "Heart-leaf Rondeletia."** 6-8 ft. 22°. Bring Old Mexico into your garden—a bit of that part down next to the Guatemalan border, where flowers are large and colors are vivid. The large, glossy foliage has the fresh green look of perpetual spring. The great clusters of dainty blooms have vividly blended shades of pink and yellow. This Jungle Queen will make herself at home in any sunny or semi-shaded position in your garden where moisture is plentiful. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

Flowers of Rondeletia.

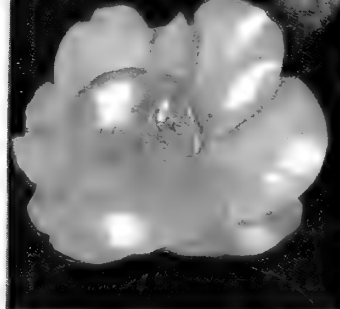




Herme, sweetly fragrant



Princess Bacciochi, a peony type flower



Candida elegantissima (4 to 6 inches)



Colonel Firey, a perfect red

# Armstrong Camellias

They have Armstrong Quality. It makes a big difference. Visit our Display Yards, see them in bloom (December through March), and see for yourself why Armstrong Camellias are the best.

The exquisite flowers of *Camellia japonica*, waxy and delicate in texture and beautifully tinted, are the most admired winter and early spring blooms of the Pacific Coast and Southern States. And the plant itself is handsome, with its glossy all-year foliage forming a perfect setting for the bright-colored blooms.

**Where to Plant Them.** Camellias grow easily everywhere on the Pacific Coast except on the desert. They are hardy down to 10°, requiring only a good well drained soil and a sheltered, partly shaded location. Complete planting instructions with every order.

**Soil Preparation.** The addition of some peat moss or leaf mold to most soils insures better results. Camellias begin to flower as soon as they are a foot or two in height so you will not have to wait for blooms.

**Check the Prices.** We'll stack our prices up against others any time. You'll find them low.

**Shipping Weight** on Camellias. Gal. tins, 4 lbs., 5-gal. tins, 30 lbs., tubs, 50 lbs. See shipping costs on page 41.

**Note.** Solid colored Camellias occasionally show slight markings or may even throw a flower of an entirely different color and shape. This does not necessarily mean that it is incorrectly named or described.

Julia Drayton, the largest of red Camellias.



Rosita, perfectly formed



Purity, exquisite white

## Special New Novelties

Prices on the five New Novelty varieties below: 5-gal. tins, 1½-2 ft., \$10.00; 2-3 ft., \$15.00.

**Anita. SC2.** Probably the most spectacular and beautiful striped Camellia. The medium-sized, high-centered flower has four rows of petals. The color background is light pink with bold, heavy stripes of deep pink or carmine. It's very rare and our stock is limited.

**Enrico Bettoni. SC19A.** One of the largest and most beautiful of pink Camellias. Big 5-inch blooms something like Marchioness of Exeter, pictured on opposite page, but larger and deeper in color. Many very large petals, interspersed with many smaller ones in the center. A strong, upright growing plant.

**Fimbriata. SC21.** A rare and beautiful white Camellia, larger than average, with double, high-centered, many-petalled flowers, each snowy white petal delicately frilled or fimbriated around the edges. The plant is somewhat dwarf, and blooms with great freedom. Very scarce. 1½-2 ft. only.

**Ruby Glow. SC60A.** A new red that is certain to be extremely popular because of the perfection of the 4-inch, dark red blooms, which have the deepest red color of any kind that we grow. Two to three rows of very large petals with a tufted center. Very strong growing.

## Select Camellias

Size	Each
Gal. tins ..... \$ 3.00	
5-gal. tins, 1½-2 feet..... 7.00	
5-gal. tins, 2-3 feet..... 12.50	
5-gal. tins, 3-4 feet..... 15.00	

Large specimens priced on request.

**Alba plena. SC1.** So lovely is its form, so fragile and delicate its beauty, that you can see at a glance why it is the most sought after white Camellia. The very large flowers, 5 or 6 inches across, fully double, with many imbricated petals, open beautifully and never show the stamens. Brought from the Orient to England in 1792, has been rare ever since. Gal. and 3 to 4 ft. sizes only.

**C. M. Hovey. SC8.** Exactly like Julia Drayton, with the same enormous flowers and big petals, but usually has little flecks of white against the brilliant red. Just as good as the famous Julia.

**Candida Elegantissima. SC4B.** (Nagasaki) A very large, 4 to 6 inch, semi-double flower of bright rose-pink, heavily marbled with white; 10 or 12 extremely large petals, with a few smaller ones in the center; most informal and lovely in appearance; 4 to 6 inches across; a slight, sweet fragrance. One of the most beautiful of all variegated Camellias. No 3-4 foot size.

**Pink Beauty. SC49.** A very large-flowered, large-petalled, fully double flower often 6 inches across, and a clear uniform light pink, without other shadings. The plant is exceedingly vigorous, with large glossy foliage, blooming late. Best in a moist coastal climate.

## Select Camellias

(Continued)

See prices bottom opposite page

**Colonel Firey. SC9.** Right at the top in red Camellias because of the glowing rich crimson color and the beautifully shaped flowers, 5 or 6 inches across. The many petals open out into a full, broad, imbricated bloom, similar to Pink Perfection in form but much larger. Very lovely under artificial light. Fairly dwarf in growth.

**Elegans. (Chandleri.) SC14A.** One of the most spectacular of all Camellias, the great 7-inch rose-pink flowers, lightly splashed with white, astonishing the beholder with their size and beauty. The plant is comparatively dwarf but produces its gigantic high-centered, beautifully colored blooms in great profusion. You will never complain about any shortage of flowers because this one sets an amazing number of buds even on very small plants. We also have tubbed specimens at \$17.50 each.

**Julia Drayton. SC34.** By far the largest red Camellia that we grow. The huge flowers, often 6 inches across, are a uniform shade of brilliant scarlet and the very large petals are beautifully veined and textured. Very double, with a high-pointed center. Its clear bright color and enormous size make it one of the most spectacular and magnificent of all Camellias. A good strong grower, too. We also have tubbed specimens at \$17.50 each.

**Kumasaka. SC36.** Giant flowered, rose-pink bloom of informal, irregular form with a few very large petals and a varying number of smaller petaloids in the center. The flowers have a characteristic delicate, sweet fragrance. A strong growing, tall plant.

**Princess Bacciochi. SC52.** A flower of startling peony type, rich velvety carmine-red, without other shadings, contrasting brilliantly with the golden stamens which show among the petals in the slowly opening flower. 5-gal. sizes only.

**Emperor of Russia. SC18.** The flowers are very large, 5 or 6 inches across, with very large petals around the outside of the flowers and with smaller recurved petals in the center. The color is a brilliant scarlet. Plant somewhat dwarf in habit. One of the finest reds. Gal. and 1½ to 2 ft. sizes only.

## Distinctive Kinds

Size	Each
Gal. tins .....	\$ 2.25
5-gal. tins, 1½-2 feet.....	5.00
5-gal. tins, 2-3 feet.....	7.50
5-gal. tins, 3-4 feet.....	10.00

Larger specimens priced on request.

**Belle Romana. SC4.** This striking variegated kind is an ideal corsage Camellia, blending with all fabrics regardless of color. The big, double, large-petaled flowers are light pink, profusely striped and splashed with crimson.

**Daikagura. SC12.** Its large, double, deep rose flowers (sometimes streaked with white) would be beautiful at any season, but it is doubly valuable because it is the earliest Camellia to bloom, flowers appearing in early November. No 3-4 ft.

**H. A. Downing. SC30.** Beautiful large flowers, deep rose-pink in color, almost red. Three rows of very large petals, with a center of beautifully contrasting yellow stamens. The 5-inch flower is one of the loveliest of its color.

**Herme. SC32.** Huge, 5 to 6 inch, semi-double flowers of light rose-pink with a broad, irregular border of white around each big petal. Occasional stripes of bright red. This is one of the few fragrant Camellias, possessing a delightfully sweet perfume.

## Distinctive Kinds

(Continued)

**Jarvis Red. SC33.** A small to medium red flower with a row of large, crisp petals around the outside and a tufted center of smaller petals. Rather dwarf. Flowers young and blooms heavily. No 3-4 foot.

**Lady Vansittart. SC39.** If we had to choose one deep pink Camellia, this would probably be it. The large 4½-inch, vivid deep pink blooms have three rows of broad, wavy-edged petals, symmetrically arranged around a ring of golden stamens. The glossy, wavy foliage is more beautiful than that of any other Camellia, in our opinion.

**Melody. SC43A.** Like Lady Vansittart, but with attractive white marbling. 5-gal. sizes only.

**Marchioness of Exeter. SC41.** In size, brilliancy of coloring and perfection of form, this beautiful pink variety, salmon-pink with a few occasional white markings, is possibly the finest Camellia in its color. Amazing in size, the gigantic flowers are crowded with petals, gracefully arranged. Dwarf spreading habit.

**Mardi Gras. SC41A.** Like H. A. Downing, with white markings. 5-gal. sizes only.

**Mrs. John Laing. SC45.** A splendid symmetrical, fully double flower of clear rose-pink, 3½ inches across, darker than Pink Perfection but lighter than Rosita.

**Mrs. Waters. SC46.** Medium sized, deep pink flowers, with one row of large petals surrounding a dense tuft of small petals. Gal. size only.

**Professor C. S. Sargent. SC53.** A most unusual deep scarlet flower, 3 inches across, with a very full, round, peony type center, the flower often carrying more than 200 petals. It usually has one row of very large round petals around the outside of the bloom. A semi-dwarf plant, very free in bloom.

**Purity. SC54.** (Neige d'Or.) Its name describes it. Symmetrical, exquisitely formed, double snowy white flowers of large size, often 5 or 6 inches across. It outsells all other whites we grow. No 3-4 ft.

**Red Beauty. SC55.** A very double flower, 3½ inches across, glowing red with an underlying orange sheen, keeping exceptionally well when cut. 5-gal. sizes only.

**Camellia sasanqua Judith. SC83.** Tall, compact, beautifully foliaged plant, literally covered, in the late fall before other kinds bloom, with beautiful, small, single, light red blooms. Gal. and 2-3 ft. sizes only.

**Camellia sasanqua Mine-No-Yuki. SC64.** Hundreds of double white flowers with wheatstraw fragrance. Blooms in fall. Spreading growth. 1½-2 ft. size only.

**Tricolor (Siebold). SC64B.** (Wakamouri variegata.) Very bizarre looking large flowers, many broad stripes of deep pink and rose-red, emphasized by narrow white stripes. It's so different that it will startle you.

## Standard Varieties

Size	Each
Gal. tins .....	\$1.25
5-gal. tins, 1½-2 feet.....	3.50
5-gal. tins, 2-3 feet.....	5.00
5-gal. tins, 3-4 feet.....	7.00

Larger specimens priced on request.

**Alba superba. SC1A.** A magnificent, semi-double, pure white Camellia. 4 to 5 inches across, with enormous petals. More informal and less symmetrical than Purity.

**Cheerful. SC6.** Clear, bright cherry-red, medium size, very double, setting enormous quantities of blooms. Blooms late.



Belle Romana, light pink splashed crimson

## Standard Varieties

(Continued)

**Covina. SC10A.** (Lady Campbell) A compact grower and tremendous producer of medium sized, double, clear rose-pink flowers over a long period. Fine for tubbed specimen.

**Czarina. SC11.** Like Emperor of Russia, but variegated with white. The contrast between the brilliant red and the pure white is quite startling. 5-gal. sizes only.

**Fanny Bolis. SC20.** Big red flowers, blotched with white, with enormous petals loosely arranged. Six inches across, it is one of the largest and most beautiful of the variegated Camellias.

**Nightingale. SC46A.** A large, informal, semi-double flower of bright pink with white markings, opening to show a center of contrasting yellow stamens.

**Pink Perfection. SC50.** Probably the most popular Camellia grown in California. Its very double, medium-sized flowers of delicate light pink are very charming indeed. Never fails to display large quantities of perfect flowers from Thanksgiving time on through the winter. One of the most vigorous Camellias in growth. We also have 3-4 foot specimens in tubs at \$10.00 each.

**Rosita. SC59.** Very double, medium size flowers of bright rose-pink, the petals delicately veined and arranged in a symmetrical rosette-like form. The very latest Camellia to bloom in winter. A fast, vigorous grower, with every flower a perfect one.

The giant pink flower of Marchioness of Exeter





The Shrub Aster is a mass of flowers in spring.

# Armstrong Evergreen Shrubs

## Quantity Discount

When you purchase 10 or more of one kind of evergreen shrub, deduct 10% from the listed each price. For instance, *Abelia grandiflora* is listed at 70c each in gal. tins. If you order 10 of them, deduct 10% of this price or 7c, which would make them cost you 63c each. This discount applies to 10 of one variety of plant and does not cover an assortment of 10 different kinds.

## Abelia

***Abelia grandiflora*. S1. "Glossy Abelia."** 6 ft. Zero. Its small, shiny, bronze-green foliage and arching stems clothed with clusters of little fragrant rosy-white flowers, borne almost continually, make it exceedingly valuable for mass or foundation planting in either full sun or partial shade. Hardy anywhere. Gal. tins, 70c; 5-gal. tins, \$2.25.

***Abelia schumannii*. S2. "Pink Abelia."** 5 ft. Zero. Somewhat similar to *A. grandiflora*, but the beautiful pinkish lilac blooms with yellow throat are much larger and brighter and are produced in profusion all through the spring and summer. Seldom exceeds 3 or 4 feet in height. Perfectly hardy anywhere, and thrives in any soil in full sun or part shade. A most satisfactory flowering shrub for all sections. Gal. tins, 70c; 5-gal. tins, \$2.25.

## Flowering Maple

***Abutilon vitifolium* Vesuvius. ST1. "Red Flowering Maple."** 5 ft. 24". The showiest of the Flowering Maples is this variety with the enormous 2-inch bell-shaped flowers of brilliant orange-scarlet. A fast-growing shrub, blooming the year around. Shade or part shade. Gal. tins, 80c.

## Canary Island Lupine

***Adenocarpus foliolosus*. S3. "Canary Island Lupine."** 8-10 ft. 15". The tip of every one of its many bright green branches is a glowing mass of brilliant yellow flower spikes, like giant yellow lupines, through April, May and June. Splendid foliage throughout the entire year. Full sun. Fairly dry soil. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Bearberry

***Arctostaphylos uva-ursi*. S6A. "Bearberry."** Zero. A handsome little low-growing, creeping plant from the California coastal mountains which makes a dense evergreen carpet of small, dark green leaves, handsome all through the year. Becomes 3 or 4 feet across, but only 6 or 8 inches high. Grows easily anywhere in any soil. Sun or shade, but prefers coastal conditions. Pretty little red or dark pink berries in summer (that's what the bears eat). Gal. tins, \$1.00.

## Strawberry Madrone

***Arbutus unedo*. S5. "Strawberry Madrone."** 6-10 ft. or larger. 15". A bushy spreading, medium sized shrub with rich green foliage very similar to California Holly. Has many delightful little pearly white bell-shaped flowers in summer, followed by clusters of brilliant red strawberry-like fruits, ripening about Christmas time. Stands heat, cold and drouth. Sun or part shade. Gal. tins, 80c; 5-gal. tins, \$2.50; balled, 2-3 ft., \$3.00; 3-4 ft., \$4.00.

***Arbutus unedo Dwarf*. S6. "Dwarf Strawberry Madrone."** 6 ft. 15". A lower, more compact and rounded form of this beautiful shrub with the glossy, holly-like leaves, dainty flowers and red fruits. Here's your chances to enjoy all this beauty in a plant which occupies less space. Grows anywhere. Sun or part shade. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Gold Dust Plant

***Aucuba japonica* Gold Dust. S9. "Gold Dust Plant."** 15". Splendid hardy evergreen foliage plant for shady location and excellent as a background for Azaleas. Masses of big, glossy, shining green leaves, 7 inches long, lightly dusted with gold. Grows to 6 or 8 feet but easily kept down to 5 feet. If you have both male and female plants present, the Aucubas will bear very beautiful, large, bright red berries, more than 1 inch long. 5-gal. tins \$3.00; balled, 3-4 ft., \$3.50; or 2 plants in one gal. tin (one male and one female), \$1.50 for the pair.

## Vanilla-Scented

***Azara microphylla*. S10A. "Boxleaf Azara."** 8 ft. 12". Graceful arching pendulous branches and small, round, glossy leaves. Fine for tracery effect against or to hang over walls. Its little flowers have the fragrance of vanilla. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Red Orchids

***Bauhinia galpinii*. S11. "Red Bauhinia."** 8 ft. 22". Clusters of glorious, spidery, red orchid-like flowers, borne in clusters of from 6 to 10 from spring to late autumn. That's what you'll have if you plant this handsomely foliaged half-climbing shrub with roundish two-cleft leaves. There is no lovelier plant to clamber over a low wall, fence or rocks in the garden. Will climb right up a post if you give it a little support. Best within 30 miles of the coast. Sun or half-shade. See illustration in color on page 35. Gal. tins, \$1.25; 5-gal tins, \$3.00.

## Important—Please Read

We try to make this Catalog an accurate, thorough and interesting guide to the plants that we grow, and in the limited space available we have crammed as much information as possible in order to make it easy for you to select the right plant for the right place in your garden.

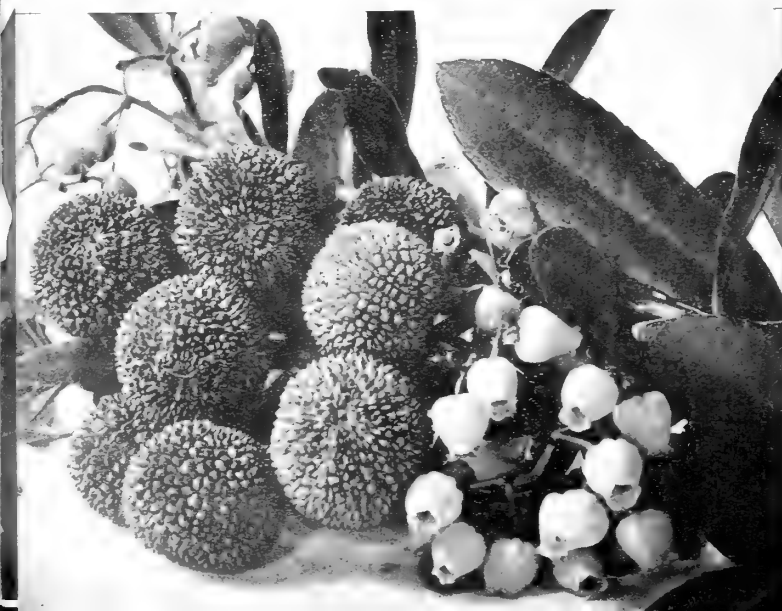
**Where to Plant.** In these descriptions you will find the approximate average height to which each plant will grow, whether they prefer sun or shade, and other helpful information. You'll find in each description the approximate minimum temperatures at which each plant will be damaged by frost (approximate only since the age and condition of plants during cold weather have much to do with their resistance to frost). In California, the plant would probably have its mature twigs injured if the temperature reaches the figures mentioned for several hours, but often the plant would recover. In other States where the temperature may reach these figures many times in a season, usually such plants should not be planted. Also see the Planting Guide on pages 37 and 38.

**Three Big Display Yards.** If you visit one of our three Sales and Display Yards (Ontario, North Hollywood and Culver City), you will be able to see many plants not listed in this catalog, hundreds of plants in bloom. Our experienced salesmen will be able to give you helpful information regarding your planting.

**Easy to Order by Mail.** It's easy to order by mail and just as easy to get delivery on them. See pages 40 and 41 for delivery and shipping information.

**Shipping Weights.** Packed for shipment, plants in gallon tins weigh 10 lbs. each; 5-gal. tins 50 lbs. each. Balled plants average 50 lbs. each. See page 41 for shipping costs.

Fruit, flowers, and foliage of the Strawberry Madrone.



## Two Shubby Asters

***Aster fruticosus*. S8. "Shrub Aster."** 3 ft. 18". It is not in the least like other Asters, being neither annual nor perennial, but a permanent evergreen shrub, just the right size to fit into the average garden, with dark evergreen foliage which breaks out in April, May and June into great masses of deep lavender or rosy-mauve flowers, completely covering the plant, each flower 1 to 1½ inches across, making a magnificent display of color. Likes fairly dry soil, full sun, and we give it our heartiest recommendation because of its ease of growth, freedom of bloom and remarkable beauty. Gal. tins, 80c; 5-gal. tins, \$2.50.

***Aster filifolius elongatus*. S7. "Early Flowering Shrub Aster."** 3 ft. 15". Similar in growth and flowers to the above kind but blooms two weeks earlier and has slightly more delicate flowers in a lighter shade of lavender. We like both of these Shubby Asters because they stay small and do not overgrow their location, but care must be taken not to give them too much water, for they like but a sparing amount of moisture and plenty of sunshine. Should be pruned back severely once a year immediately after blooming. Gal. tins, 80c.

## You Can Plant Shrubs Anytime

The black squares under every month below indicate that you can plant evergreen shrubs during every month in the year.

Month  
Tins or Balled

J	F	M	A	M	J	J	A	S	O	N	D
■	■	■	■	■	■	■	■	■	■	■	■



## A Desert Beauty

**Beloperone californica.** S12. "Chupe-rosa." 4 ft. 15°. A low, spreading shrub from the water courses of the Colorado Desert. A beautiful sight when in bloom in the spring, covered with racemes of rich scarlet flowers. Dry soil, full sun. Gal. tins, 80c.

## Dry Land Shrimps

**Beloperone tomentosa.** S13. "Shrimp Plant." 2 ft. 23°. Handsome little compact plant which bears all year odd but attractive flower spikes of coppery bronze bracts, enclosing small cream and purple flowers. Excellent for cut flower arrangements. Sun, half-shade. Gal. tins, 70c.

## Barberries

**Berberis darwini.** S14. "Darwin Barberry." 6 ft. Zero. Small, glossy, dark green, holly-like leaves with brilliant orange-yellow flowers in the spring, followed by plum-colored berries. It has long been and still is one of the most popular Barberries for the West. Sun or shade. Gal. tins, 80c; 5-gal. tins, \$2.50.

**Berberis darwini nana.** S14A. "Dwarf Darwin Barberry." (B. gracilis.) 2 ft. 5°. Foliage, flowers and berries like the above but makes a low, rounded, dense mound of foliage. Sun. Gal. tins, 80c.

**Berberis pruinosa.** S15. "Hollygreen Barberry." 6 ft. Zero. We think this is one of the most beautiful of Barberries, and here are the reasons: (1) The beauty and grace of its arching branches which do not get too big; (2) Long 2-inch, dark green, glossy, spiny-toothed leaves which cover the plant; (3) A few of them become brilliant red in the fall and winter (but do not drop); (4) Bright yellow flowers in late winter; (5) Followed by big, beautiful blue-black berries. Sun or half-shade. Gal. tins, 80c; 5-gal. tins, \$2.50.

**B. thunbergi atropurpurea.** S15A. "Red-leaved Japanese Barberry." 4 ft. Zero. Leaves brilliant purplish-red at all times, some of them dropping off in winter. Perfectly hardy under all conditions, and extremely colorful wherever planted, whether it be mountain, desert or coast. Gal. tins, 70c.

The brilliant orange flowers of Darwin Barberry.



## Bouvardia

**Bouvardia humboldti** Albatross. ST2. 2-3 ft. 25°. Few flowers are as fragrant as the dainty, long, tubular, snowy white blooms of this fast growing, informal little plant. The flowers are borne in clusters continuously throughout the year and are intensely fragrant with a delicious jasmine scent. The tubes of the flowers are 3 or more inches in length, and the open face of the petals about 1½ inches across. You'll pay big money at the florist's for these flowers in a corsage. Why not grow them yourself? Prune the plants severely once or twice a year to keep them in bloom. Full sun or semi-shade near the coast; shade inland. Gal. tins, \$1.00.

## Colorful Buddleias

**Buddleia davidi.** S20. "Ile de France." 8 ft. 15°. The finest of the "Summer Lilac" type of Buddleia, with great long flower spikes 6 to 12 inches long, in color a brilliant rosy purple tinted with violet. Deliciously fragrant. Perfectly hardy anywhere. Should be pruned back almost to the ground each winter. Full sun. Gal. tins, 60c.

**Buddleia asiatica.** S18. "White Summer Lilac." Similar to above but with white flowers, the most fragrant of all the Buddleias. Gal. tins, 60c.

**Buddleia "Charming."** S19. 8 ft. 15°. The finest of all the pink Buddleias. Bears all through the late summer and autumn beautiful long sprays of lavender-pink blooms, 12 to 16 inches in length, extremely fragrant and very dainty in coloring. Grows fast and will start to bloom for you the first summer after planting. Gal. tins, 60c.

## Fragrant Carpenteria

**Carpenteria californica.** S29. "Fragrant Carpenteria." 6 ft. 15°. A handsome California native flowering plant, with large, long leaves and single, white, exceedingly fragrant, 5-petaled flowers, 2-2½ inches across, which look like single roses or single camellias. Exceedingly lovely in form and texture and borne in such profusion as to make the plant look like a mound of snow. Best in part shade under filtered sunlight, with good drainage. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Like a Wild Rose

**Candollea cuneiformis.** S28. 4 ft. 22°. A beautiful, compact, rounded plant, covered from March to June with many 1½-inch bright yellow flowers almost like a free-blooming yellow wild rose. Full sun. Soil on the dry side. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Trinidad Flame Bush

**Calliandra guildingi.** S23. "Trinidad Flame Bush." 8 ft. 15°. The large heads of vivid scarlet stamens, 3 inches long, each head shaped like a pompon, which cover the plant like a sheet of fire in the spring and summer make this a sparkingly vivid and colorful plant. Its feathery, fern-like foliage is handsome the year around and makes a beautiful background for the brilliant flowers. Comes from Trinidad. See colored illustration on page 35. Full sun. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Carissa grandiflora.** FS1. "Natal Plum." Beautiful ornamental fruiting shrub. See page 6. Gal. tins, 85c; 5-gal. tins, \$2.50.

If you live in our Southern California delivery zone (see page 40), we can deliver your order to you in one of our covered trucks, subject always to wartime delivery regulations. Small, light weight orders of bare root material must be sent by mail or express. See page 41.



Yesterday violet, today lavender, tomorrow white, but always sweetly fragrant are Brunfelsias.

## Yesterday, Today and Tomorrow

**Brunfelsia calycina floribunda.** S17. "Yesterday, Today and Tomorrow." 6 ft. 20°. Medium size shrub of compact habit with rich dark green foliage, producing throughout most of the year many intensely fragrant flowers which open deep violet and fade gradually to lavender and white, yesterday's flowers being a different color today. Tomorrow they will be a still different color. Few flowers are more sweet-scented than these, and few plants bloom over a longer summer period. Plenty of moisture. Sun or part shade. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## Boxwood for Hedges

**Buxus microphylla japonica.** S22. "Japanese Box." 2 to 4 ft. 10°. For a 2 or 3 foot low evergreen trimmed hedge in most of California, there is nothing better than this variety. Naturally grows low, dense and compact, with glossy, bright green, small leaves. An occasional trimming will keep it any shape you desire. Also useful for trimmed pyramids or globes for garden or tubs. Flats of 100 small plants, \$5.00; 4-inch pots for hedge planting, \$4.00 per 10, \$35.00 per 100; trimmed globes, 12-18 inches, \$4.00; trimmed pyramids, 18-24 inches, \$4.00; 24-30 inches, \$5.50; 2½-3 feet, \$7.50.

## For a Very Low Hedge

**Buxus harlandi.** S21. "Harlands Boxwood." 2 ft. 5°. A new Boxwood which may displace the Japanese Boxwood for hedges and trimmed plants in many places, particularly where a lower hedge is desired, since this variety does not naturally grow much over 18 inches or 2 feet and becomes very dense and compact at that height, keeping its shape with almost no pruning. Grows quite rapidly to 18 inches, however. Flats of 100 small plants, \$5.00; 4-inch pots for hedge planting, \$4.00 per 10, \$35.00 per 100; balled, 12-15 inches, \$2.00; 15-18 inches, \$2.50; 18-24 inches, \$3.00.

Carpenteria, white flowers big as a dollar.





The brilliant yellow flowers of Golden Wonder.

## Golden Wonder for Winter Color

**Cassia splendida.** S31. "Golden Wonder." 20°. We are very enthusiastic over this large shrub, which is spreading, much branched, and becomes 6 to 8 feet in height and as much across. Beginning in November and continuing through December and January, it bears spectacular quantities of big golden yellow flowers at a time when it is difficult to get bright color in the garden. Its low, compact shape fits it into almost any sunny spot. Thrives in the face of severe ocean winds. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.50.

**Cassia artemesoides.** S30. "Feathery Cassia." 8 ft. 15°. Finely cut silvery-gray foliage and clear yellow, sweet scented flowers which look like big yellow bumblebees perched all over the plant. Needs little water, likes plenty of sunshine, thriving in Arizona and other desert sections, as well as near the coast. Full sun. Gal. tins, 70c; 5-gal. tins, \$2.25.

Sprays of the waxy, pink blooms of Geraldton Wax Flower make ideal flower arrangements, keeping for days.



# Armstrong Shrubs

## Cascades of Crimson

**Callistemon viminalis.** S27. "Scarlet Bottle Brush." 15 ft. 15°. No plant will provide a magnificent show of brilliant scarlet color more easily than this tall, slender, semi-weeping, rapid growing shrub which covers itself in the spring with great masses of cascading scarlet blooms, 4 inches long. Grows easily anywhere, and you'll get plenty of spectacular color for your money. Full sun. Gal. tins, 70c; 5-gal. tins, \$2.25.

## Firefall Bush

**Callistemon Red Chico.** S26. "Firefall Bush." 6-8 ft. 15°. With this showy plant in your garden you'll have one of the most dazzling color displays that you can imagine. A real Fourth of July display with 4-inch flowers in a brilliant, vivid shade of red, hanging down from the arching branches like particles of glowing red fire. Keeps it up too, from April through June. A new hybrid from the U. S. Department of Agriculture, introduced by us this year for the first time. Really a hot number! Full sun. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## True Tea Plant

**Camellia sinensis.** (Thea.) S27A. "Tea Plant." 4-6 ft. 12°. This is the true Tea Plant, grown in Ceylon and China. You can use those "tender young leaves of the Tea Plant" to make your own tea if you wish. Those same leaves become 5 inches long when mature and are very beautiful. Entirely aside from the novelty of having a real tea plant in your garden, the plant is a beautiful ornamental. The large, fragrant, 1½-inch single white flowers are real white camellias, and the plant becomes covered with them. Grows easily in California. Part-shade. Plenty of water. Gal. tins, \$1.50; 5-gal. tins, \$3.50.

## California Lilacs

In the springtime the California foothills are glorious to behold because the landscape is massed with the delicate blue flowers of the California Lilac and the air is scented with their sweet perfume. They grow rapidly in the garden, and thrive anywhere in well-drained soil. Full sun. **Ceanothus cyaneus.** S32. "Lakeside Wild Lilac." 6-10 ft. 12°. The most prized of the Wild Lilacs, with 6-inch spikes of the richest, most beautiful, deep indigo-blue flowers imaginable covering the plant from May to late fall. One of the showiest of all native California shrubs. After it is once established, be sparing with irrigation. A short-lived plant unless grafted. All Armstrong plants are grafted. It makes a big difference. Gal. tins, \$1.50; 5-gal. tins, \$3.50.

**Ceanothus thyrsiflorus griseus.** S36. "Deep Blue Wild Lilac." 6 ft. 10°. We consider this to be one of the very finest varieties of the California Wild Lilac because of the magnificent deep blue color of the fragrant flowers, almost as intense as Lakeside Lilac, and its medium size. An easy to grow variety and a never-failing source of delightful spring color. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Carpet of Blue

**Ceanothus gloriosus.** S33. "Point Reyes Ceanothus." A low, dense, spreading mat of glossy evergreen foliage, never becoming more than 6 or 8 inches high but covering the ground for as much as 6 or 8 feet. It covers itself in late spring with masses of rich, bright, blue-lavender flowers (on red stems), fragrant and lovely in coloring. Does best in partial shade with occasional watering, but along the coast and in most northern areas it will grow well in full sun. Gal. tins, \$1.00.

## A Spot of Blue

**Ceratostigma willmottianum.** S-38. "Chinese Plumbago." 3-4 ft. 10°. One of the finest blue flowering garden shrubs, of medium size. From June to December the handsome plant is covered with great masses of the deepest, richest, most brilliant shade of blue imaginable. It grows with the greatest of ease anywhere in sun or shade and in any type of soil, never failing in its bounteous crop of flowers. In colder sections it drops its leaves, but it should be pruned back once a year anyway wherever planted. Gal. tins, 80c; 5-gal. tins, \$2.50.

**Ceratostigma plumbaginoides.** S37. "Dwarf Blue Plumbago." 15°. Dwarf, blue flowering perennial, only one foot high. Gal. tins, 60c.

## Night Blooming

**Cestrum parqui.** S40. "Night Blooming Jessamine." 5 ft. 21°. Just a good-looking, inconspicuous evergreen shrub in the daytime, but making itself known in the darkness by the ravishing fragrance from its small greenish-white flowers—a fragrance of musk mingled with heliotrope. Flowering branches placed in a room will emit perfume during the entire night but no longer. The pearl-white berries make splendid indoor decorations. Full sun. Gal. tins, 70c; 5-gal. tins, \$2.25.

## Orange Cestrum

**Cestrum aurantiacum.** S39. "Orange Cestrum." 8-12 ft. 22°. Large, bright, handsome, 4-inch leaves on a tall, slender, gracefully arching plant, producing at the end of every branch clusters of long, tubular, bright orange-colored flowers, deliciously fragrant. Very large, white berries as big as a small marble follow the flowers. Flowers, foliage and berries are splendid decorations in the garden and on the table. Full sun or part shade. Gal. tins, 70c.

## Mexican Orange

**Choisya ternata.** S46. "Mexican Orange." 5 ft. 15°. A dense, globular shrub, with bright, glossy green foliage profusely covered in spring with showy-white, sweetly scented blooms resembling orange blossoms. Hardy anywhere in Southern California. Sun or part shade. Gal. tins, \$1.

## Flame Pea

**Chorizema varium.** S48. "Flame Pea." 2 ft. 20°. A low, dense mound of glossy, holly-like leaves on slender, drooping branches, covered with great quantities of brilliant, little, pea-like flowers, bright orange-red and reddish purple in color, borne throughout the winter and spring. For a spot of really brilliant color in your garden you will find nothing better than this easily grown shrub. Sun or semi-shade. Gal. tins, 70c; 5-gal. tins, \$2.25.

## Red, White and Blue

**Cienfuegosia hakeaeifolia.** S49. "Desert Rose." 4-8 ft. 18°. This is the only plant we know of that displays our national colors all in one flower. The big, bell-shaped blooms, 1½ to 2 inches across, have a cerise-red throat, then a band of white, while the rest of the flower is rich lavender-blue. The plant is fast-growing, with needle-like foliage, and starts to wave the colors in April, continuing to produce the showy blooms until the middle of summer. Grows easily anywhere in full sun. Gal. tins, 80c.

## Geraldton Wax Flower

Illustrated in color on page 34.

**Chamaelaucium ciliatum.** "Geraldton Wax Flower." 6 ft. 22°. The most popular and successful new shrub introduced into Southern California in the past ten years. It has attractive heath-like foliage, a graceful open habit and sprays of lovely little waxy blooms which range in color from white to various shades of pink and light lavender-red. The blooms have a little waxy cup in the center which is green when it first opens, soon changing to rich maroon. The flowers start to open in January and never stop until the middle of April when the oldest blooms are still beautiful. One of the finest of cut flowers because the sprays keep for days when taken into the house, and are very dainty and graceful in bowl arrangements. Prune back quite severely after the blooming season. Chamaelauciums prefer an open sunny position and will grow in any soil but probably do best in a light soil kept fairly dry. The following exclusive Armstrong varieties have been selected from hundreds of fine seedlings, and you'll find them immensely better than ordinary plants on the market elsewhere.

**Chamaelaucium Blush White.** S41. This is a very fine, large flowered, heavy blooming variety. Almost white, with just a blush of pinkish lavender to make it effective. Gal. tins, 80c; 5-gal. tins, \$2.50.

**Chamaelaucium Cameo Pink.** S42. Has slightly smaller flowers in a much more pronounced shade of dainty pink tinged with lavender. A very profuse bloomer, with sprays unsurpassed for cutting. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Chamaelaucium Cameo Rose.** S43. The richest in color, deep rosy lavender. Blooms very freely. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

**Chamaelaucium Dwarf Pink.** S44. An unusual large-flowered type in a deep shade of pinkish lavender. The plants grow to 4 ft. Gal. tins, \$1.50; 5-gal. tins, \$3.50.

**Chamaelaucium Dwarf Rose.** S44A. The lowest growing Wax Flower that we have (3-4 ft.) and the deepest in color. Lavender-rose. Gal. tins, \$1.50; 5-gal. tins, \$3.50.

## Three Salesyards

There are three Armstrong Sales and Display Yards (no other branches or agents) at which you may select from a full supply of Armstrong products. In addition to our home display yard at Ontario, our North Hollywood Branch on Magnolia Blvd., at Coldwater Canyon Ave., serves all of the San Fernando Valley, and our new Culver City Branch on Sepulveda Blvd., four blocks south of Culver Blvd., is convenient for all of Los Angeles and the beach cities.



## The Rockroses

Rockroses are exceedingly valuable ever-green shrubs for California because they grow so well in dry soils, like plenty of sunshine, are hardy alike to heat and cold, and because of the sheer beauty of the flowers and the great profusion of bloom. The plants require almost no pruning. Be sure that they get plenty of sunshine and not too much water. The blooming season lasts for many weeks in spring and early summer.

**Cistus corbariensis.** S50. "White Rock-rose." 3 ft. 10°. A low bank of sage-green foliage studded with 2-inch white flowers. A plant that stands dry soil, sea sprays or hot sun, always looks fresh and luxuriant and is never-failing with its many beautiful blooms which appear for many weeks in spring and early summer. Grows well almost anywhere, and we find it to be one of the most useful plants in California gardens because of its all-year foliage, small size and long blooming period. See illustration below. Gal. tins, 70c; 5-gal. tins, \$2.25.

**Cistus cyprius.** S51. "Brown-eyed Rock-rose." 3 ft. 10°. Pure white flowers, 3 inches across, with golden stamens in the center and a spot of maroon-crimson like a drop of blood at the base of each petal. Gal. tins, 80c.

**Cistus purpureus.** S53. "Orchid Rock-rose." 10°. It makes a compact, handsome plant, 4 feet high and 6 feet across, covered with lovely flowers 3 to 4 inches across, rich rosy-pink in color (it might be called "old rose") with a deep mahogany or maroon spot at the base of each petal, and with a center of yellow stamens. It is certainly the most colorful of all the Rockroses and a most satisfactory plant for a dry spot in full sun. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Breath of Heaven

**Coleonema album.** S56. (Diosma alba.) "White Breath of Heaven." 4-8 ft. 20°. This popular shrub with its sweet-scented, heath-like foliage and its literally thousands of little star-like white flowers in late winter and spring is a great favorite. If the foliage is rubbed, a most entrancing aromatic fragrance is released. Full sun. Gal. tins, 60c; 5-gal. tins, \$2.00.

**Coleonema pulchrum.** S57. "Pink Breath of Heaven." 3-5 ft. 20°. The plant is very much like the White Breath of Heaven above and it has the same sweet-scented foliage, but it grows a little more compact, low and bushy, and the flowers are bright pink instead of white. Full sun. Gal. tins, 70c.

Please include both name and code number of each variety on your order sheet.

At the left, the showy flowers of *Chorizema*, orange-red and reddish-purple in color. One of the most useful of low flowering shrubs. Flowers shown here natural size.

The plant of *Cistus corbariensis*, shown at the right, is about 3 feet high and 4 feet across, and those white flowers are 2 inches across. It's hard to beat for all year around beauty.



Orchid Rockrose. "Old Rose" color, maroon-spotted.

## The Glorybower

**Clorodendron bungei.** S54. "Rose Glorybower." 3-5 ft. 20°. Almost anywhere in California you can enjoy this easily grown plant, because it is perfectly hardy, and although it may freeze down to the ground in cold sections in winter, it grows right up again to 4 feet in the course of a few weeks and starts producing again, over its big heart-shaped leaves, quantities of big rosy-red hydrangea-like flower heads, 8 inches across. Deliciously fragrant. It will grow almost any place, but prefers a cool, semi-shady location. Gal. tins, 70c; 5 gal. tins, \$2.25.

**Clorodendron myricoides.** S54A. "Blue Glorybower." 6 ft. 20°. Just imagine a slender 6-foot shrub with lots of fine glossy foliage, hung from top to bottom with beautiful little purple and blue flowers, 1½ inches across, which look like tiny orchids. Good looking foliage the year around, and the vigorous plants do not have to be nursed along. Blooms continuously from August until almost Christmas, the little orchid-like blue flowers renewing themselves day after day. The sprays are fine for cutting, too. Sun or part-shade. Gal. tins, \$1.00.

## The Fragrant Coronilla

**Coronilla glauca.** S58. "Honey Coronilla." 3 ft. 15°. Bushy, little, gray-foliaged plant smothered with quantities of small, pea-shaped, brilliant yellow blooms in late winter. Extremely fragrant, particularly at night. It grows with the greatest of ease almost anywhere in California. A much better source of yellow color than most of the Brooms. Sun or half-shade. Gal. tins, 70c; 5-gal. tins, \$2.25.





# Armstrong Flowering Shrubs

## Berried Cotoneasters

Indispensable in California gardens are the Cotoneasters, which are splendid foliage plants, but their most valuable characteristics is the quantity of cheerfully colored red berries that brighten the bushes in autumn and winter and which are excellent cut material for bowl arrangements in the house at the holiday season or any other time. Hardy and fast growing anywhere. They all like a sunny position. We grow five excellent kinds to fit almost any position in the garden from the low, spreading Cranberry Cotoneaster up to the tall, large, Silverleaf Cotoneaster.

**Cotoneaster apiculata. S62. "Cranberry Cotoneaster."** 2-4 ft. Zero. A very fine spreading, semi-prostrate variety with the biggest, reddest berries you ever saw on a plant of this kind, almost as large as cranberries. Very handsome foliage as well, and it thrives easily any place. Full sun. Gal. tins, 80c.

**C. conspicua decora. S63. "Necklace Cotoneaster."** 3-4 ft. 10°. Taller than the above low kind but still a low, spreading shrub, with arching branches which are always handsome throughout the year, particularly so in April when every branch is strung with little white flowers like sparkling gems and just as attractive in the fall and winter, when those flowers have turned to bright red berries. Gal. tins, 80c; 5-gal. tins, \$2.50.

**C. horizontalis. S64. "Rock Cotoneaster."** 2 ft. Zero. A prostrate, half deciduous shrub, its angular branches hugging the ground. In the autumn it has spray upon spray of glowing crimson berries, which, combined with its deep red leaves, are a beautiful sight (red in fall only). Gal. tins, 80c.

**C. lactea. S65. (C. parnaysi.) "Parnays Red Clusterberry."** 5-6 ft. 10°. This is the best of the larger growing Cotoneasters because of its large, luxuriant evergreen foliage, which is dense and luxuriant throughout the entire year and because of the enormous clusters of brilliant red berries. It does not overgrow like so many of the larger growing Cotoneasters, seldom exceeding 6 feet in height, and is well foliated right down to the ground, showing no bare stems. Gal. tins, 70c; 5-gal. tins, \$2.25.

**C. pannosa. S66. "Silverleaf Cotoneaster."** 8 ft. 15°. One of the best known and most widely planted Cotoneasters. The leaves are a soft gray-green, silvery underneath. White flowers in spring, followed by great masses of silvery red berries, remaining all fall and winter. A splendid desert shrub but equally good on the coast. Gal. tins, 60c.

## Orange-Red Broom

**Cytisus Pomona. S79B.** 6 ft. 10°. A showy hybrid Broom, its arching branches so covered with orange-apricot sweetpea-like blooms in the spring that you cannot see the stems. Best on the coast from Santa Barbara north. Full sun. Plenty of moisture. Gal. tins, 70c.

## Pink Australian Fuchsia

**Correa pulchella. S61. "Australian Fuchsia."** 1½ ft. 22°. This is one of the finest foreground shrubs for California gardens. It stays small, only about 18 inches high, and makes a dense mass of foliage which may spread out for 4 or 5 feet. The little, waxy, bell-shaped flowers are a beautiful soft pink, and are borne in the winter from November to April. Extreme heat does not bother it, and it rather likes dry soil. A fine shrub to plant in front of Chamelauciums offered at left. Sun or shade. See illustration on page 34. Gal. tins, 80c; 5-gal. tins, \$2.50.

**Correa alba. S59. "White Correa."** 4 ft. 20°. More upright than the above, becoming about 4 feet high and as much across, with handsome silvery grey foliage. Hanging all over it in the summertime are many little bell-shaped white flowers about a half inch long. It will do well in any soil. The hottest sun does not bother it. Gal. tins, 80c.

**Correa bicolor S59A. "Two-Toned Correa."** 3 ft. 20°. Bushy little upright plant with tubular, 1½-inch flowers in two colors, pink and greenish yellow. Gal. tins, \$1.00.

**Correa harrisii. S60. "Red Correa."** 1-2 ft. 22°. Startling new Correa, with bell-shaped flowers an inch or more in length in a bright shade of orange-scarlet. Grows very much like *Correa pulchella* in habit but with much deeper and brighter colored flowers. Quite rare as yet, and plants are scarce. 5 gal. tins, \$3.50.

## The Fragrant Daphne

**Daphne odora. S81. "White Daphne."** 2-3 ft. 10°. This is just about the most powerfully fragrant plant in the world, and it is difficult to realize that one small plant can radiate such an intense, delightful and deliciously sweet perfume. In the garden you can inhale it many yards away, and one little sprig of blooms will perfume the entire room when cut. The small flower heads of creamy white are borne profusely all over the plant throughout the winter. The handsome plant with its shiny green foliage does best in partial shade with plenty of moisture but good drainage. Gal. tins, \$1.50; 5-gal. tins, \$3.50; balled, 18-24 in., \$5.00; 2-3 ft., \$6.00.

**Daphne odora Yellowedge. S83. "Gold edged Daphne."** 2-3 ft. 10°. Leaves margined with gold, the flowers are pink. Gal. tins, \$1.50; 5-gal. tins, \$3.50; balled, 18-24 in., \$5.00; 2-3 ft., \$6.00.

**Daphne odora Rose Queen. S82. "Large Pink-Flowered Daphne."** 3-4 ft. 10°. A beautiful strain with plain green leaves and deep pink flowers a little larger than the other varieties. The leaves are bigger, the plant is larger and it grows faster. Gal. tins, \$1.50; 5-gal. tins, \$3.50.

Packed for shipment, evergreen shrubs in gal. tins weigh approximately 10 lbs. each, 5-gal. tins, 50 lbs. each. Balled plants average 50 lbs. each. See page 41 for shipping costs.

A flower cluster of the new Daphne, Rose Queen. Exceedingly fragrant.

## Canary-Bird Flower

See colored illustration on page 35.

**Crotalaria agatiflora. ST4. "Canary-Bird Flower."** 6-10 ft. 25°. When you get this unusual fast growing shrub from the mountain slopes of East Africa in bloom in your garden it will be the most striking and most spectacular object there. It has luxuriant tropical-appearing leaves and racemes of large, 3-inch green and gold flowers in sprays as much as 3 feet long. The boughs look as though they were full of gorgeous canary birds, and cut, make splendid table decorations. Sun, plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

Flowers of Rosy Christmas Heather





The flower heads on Rose Glorybower are 8 inches across, sweetly fragrant.

## Garden Orchids

**Cymbidiums.** In California we can grow some of the most beautiful hardy Orchids outdoors in our gardens with ease. The Cymbidiums, a bloom of which is illustrated on this page, make clumps of grassy foliage, 2 to 4 feet high, and in the winter and early spring carry great sprays, from 1 to 3 feet long, of the most beautiful Orchids imaginable in a wide range of colors. As many as 30 blossoms may be found on a single spray, while 10 to 20 sprays are not uncommon for a mature plant.

Cymbidiums will grow well along the coast from San Diego to San Luis Obispo and in all inland valleys except the hottest desert valleys. They like a location where they have light shade or are protected from the hottest sun during the day. While they like a fibrous soil with plenty of coarse leaf mold or peat moss mixed in, they must have good drainage. They thrive under Oaks, Sycamores and other trees readily and will stand minimum temperatures down to 20°. Once established the plants are permanent. They come in many lovely shades of amber bronze, luminous green, chartreuse, pink and claret. **Strong clumps: \$7.50, \$10.00, \$12.50, \$15.00 and up to \$50.00 each.** The sizes priced at \$10.00 or less usually will not have flower sprays this season, but many of the larger clumps will bloom during the current winter blooming season. See them in bloom from January to April in our Display Yards and pick out the one you like. In most sizes we can usually supply plants in shades of bronze, creamy yellow, or pink. The other colors must be selected while in bloom.

## Ground-Orchids

**Epidendrum o'brienianum.** S88. "Ever-blooming Ground-Orchid." 5-6 feet. A semi-reclining, leafy plant, sending up leafy stems from 3 to 6 feet tall on which are borne big clusters of brilliantly colored, bright scarlet flowers, the lip shaded with orange-yellow. They are magnificent for cutting and you can easily have such flowers if you live in Southern California where the temperature does not go below 25°. Once established, the plants will provide blooms almost every day in the year and will grow into large clumps. Full sun along coast, semi-shade elsewhere. 6-inch pots, \$2.00; 5-gal. tins, \$5.00.

**Epidendrum radicans.** S89. "Orange Ground Orchid." 4-5 ft. A slightly smaller plant than the above but with even more and brighter blooms. Its 1-inch flowers are a brilliant cinnabar-red approaching orange. 6-inch pots, \$2.00.

**Epidendrum Orange-Buff.** S87B. "Orange-Buff Ground-Orchid." 5-6 ft. 20°. A new hybrid from the Hawaiian Islands with beautiful big clusters of orange and buff flowers. A most delightful and unusual shade and a wonderful cut flower, blooming almost all the year. 6-inch pots, \$2.00.

For those who live in West Los Angeles, Beverly Hills and the beach cities, our new Culver City Salesyard is most convenient, on Sepulveda Blvd., four blocks south of Culver Blvd. Cash only. No deliveries.

## Terrestrial Orchid

**Bletilla hyacinthina.** 79. "Terrestrial Orchid." 20°. Another delightful, easily grown outdoor Orchid, with grassy foliage 1 to 2 feet high, bearing in spring months a profusion of 1½-inch lavender-pink flowers with orchid and purple markings, splendid for cut flowers. Full sun along coast, semi-shade elsewhere. Gal. tins, \$1.

## Irish Heath

**Daboecia cantabrica alba.** S80. "White Bell Irish Heath." 2 ft. 10°. Right from the green sod of old Ireland comes this beautiful little Heath, which makes a beautiful low mound of dark shining green leaves, covered in summer with beautiful nodding white bell-shaped flowers, 1½-inch across. It does better in California than most of the South African Heathers. Sun or semi-shade. Use plenty of leaf mold or peat moss and plenty of water. Gal. tins, 80c.

## Dwarf Duranta

**Duranta stenostachys.** ST4A. "Brazil Sky-flower." 4-6 ft. 24°. If you want a lovely foliaged, graceful arching plant about 5 feet high and as much across in a sunny or half-shady spot in your garden, bearing beautiful little 4 to 6-inch sprays of lovely lilac-purple blooms, each one a half inch across, borne almost all summer long and sometimes in other seasons, search no farther, here it is. Do not confuse this with the old tall, weedy, thorny Duranta plumieri. One of the finest of small garden shrubs in habit, foliage and flower. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Heathers

**Erica blanda.** S91. "Red Everblooming Heather." 3 ft. 15°. Low, rounded, it bears clusters of tubular red flowers throughout the entire year. What other flowering shrub will do more? Full sun. Gal. tins, 80c; 5-gal. tins, \$2.50.

**E. canaliculata rosea.** S92. (*E. melanthera rosea*.) "Rosy Christmas Heather." 6 ft. 15°. This is the best known and most popular of all the Heathers in California, and certainly it is one of the most beautiful of winter flowering shrubs. From November to March the plants are a solid mass of small rosy-lavender flowers dotted with black stamens. It is sometimes called "Scotch Heather" but it never saw Scotland, being a native of South Africa, and is much showier and brighter than the real article. Full sun, good drainage. Gal. tins, 70c; 5-gal. tins, \$2.25; balled, 2-3 ft., \$2.50; 3-4 ft., \$3.00.

**Erica chamissonis.** S93. "Lavender Heather." 2 ft. 15°. A little, dwarf, compact Heather that we admire more than any other kind that we have grown. Its soft, grey-green foliage is handsome all through the year, and in February and March it is solidly covered with little cup-shaped blooms of deep lavender-pink with black eyes, so soft and feathery and delightfully rich in coloring that it gives you a thrill every time you look at it. Full sun, plenty of moisture, good drainage. Gal. tins, \$1.

**Erica cruenta.** S94. "Dwarf Scarlet Heather." 3 ft. 18°. Bushy, low grower, lighted up all through the late summer, the fall and early winter months with 6 to 8 inch spikes of slender, tubular flowers in a showy shade of flame-red. Gal. tins, 80c; 5-gal. tins, \$2.50.

**E. lusitanica.** S95. "Spanish Heather." 4 ft. 18°. So covered with snowy-white flowers in late winter that it looks like a young snowdrift. Gal. tins, \$1.00.

**E. Melanthera rubra.** S97. "Fall Blooming" 4 ft. 5°. Compact and bushy, with stiff stems and purplish-pink flowers from Mar. to June. Hardy anywhere. Gal. tins, 80c.

**E. John McLaren.** S95A. 2-3 ft. 15°. It bears magnificent 6-inch spikes of brilliant rose-pink flowers splendid for cutting. Best along coast. Gal. tins, 80c.

**E. melanthera rubra.** S97. "Fall Blooming Heather." 3-4 ft. 15°. Similar to the Christmas Heather, but a low growing plant, deeper colored, rosy red flowers, and a much earlier blooming period, from Oct. to Dec. Gal. tins, \$1.00.



Flowers of Cymbidium, reduced one-third. As many as 40 on a 3-foot spray. Many beautiful colors.

## African Daisy Bush

**Euryops athanasiae.** S103. "South African Daisy Bush." 4 ft. 18°. On the tall slender evergreen plants are borne large quantities of big, daisy-like bright yellow flowers, 3 inches across, borne on 12-inch stems. The flowers appear in the greatest profusion in the middle of winter, giving plenty of January color. Plants somewhat awkward in appearance but well worth having in the garden for their value as winter cut flowers alone. Full sun. Gal. tins, 80c.

See *Euryops pectinatus* on the next page.

Flowers of African Daisy Bush



# Colorful Armstrong Shrubs



Gardenia Mystery, Armstrong Strain (One-half Natural Size).

## Brilliant Violet-Blue

**Dyschoriste thunbergiflora.** S86. 3 ft. 24". A little handsomely foliaged shrub which is fine for leaning against wall or fence in a sunny or half-shady spot with plenty of moisture. The trumpet-shaped blooms, 3 inches long, are rich violet-blue, with deeper purple markings in the throat, such an intense color that you can hardly believe them real. Best near coast or in mild-wintered areas. Gal. tins, 80c.

## Silver-Bronze Leaves and Berries

**Elaeagnus Fruitland.** S87. "Fruitland Silverberry." 8 ft. 10". A large spreading shrub with 4-inch leaves and stems covered with frosty shiny scales. Even the great silver-bronze berries look as though they had been gilded. Thrives anywhere, even in the ocean spray. Sun or part shade. Gal. tins, 80c; 5-gal. tins, \$2.50.

**Elaeagnus pungens maculata.** S87A. Similar to the above but with foliage variegated gold and silver. Gal. tins, 80c.

## Escallonias for the Coast

The Escallonias are particularly fine shrubs for the seacoast, since they like the salt air and their splendid foliage is particularly luxuriant under coast conditions. Their sweetly fragrant spikes of delicately colored flowers appear over most of the year. Sun or part-shade. Plenty of water.

**Escallonia viscosa Apple Blossom.** S99. "Apple Blossom Escallonia." 5 ft. 15". Dainty bluish-pink; very free-blooming. Gal. tins, 80c; 5-gal. tins, \$2.50.

**Escallonia rubra.** S98. "Red Escallonia." 6 ft. 15". Beautiful flowers of deep red. Gal. tins, 80c; 5-gal. tins, \$2.50.

## The Useful Eugenias

**Eugenia paniculata australis.** ST6. (*E. myrtifolia*.) "Austrian Brush Cherry." 24". If unpruned, this splendid foliage plant will attain 12 or 15 feet in height, but is usually grown as a trained pillar or pyramid to any desired height, or as a hedge, and for either use it is exceedingly lovely because of its clean, glossy, Myrtle-like foliage which takes on a cheerful bronze tint in the new growth. The big purple berries make excellent jelly too if there is any left after the children get through eating them. (They won't hurt the children.) Gal. tins, 80c; 5-gal. tins, \$2.50; trimmed pyramids, 5-gal., 5-6 ft., \$5.00.

**Eugenia hookeri.** ST5. (*E. paniculata*.) 8-12 ft. 25". Similar to the above but with larger, darker foliage, more vigorous growth, and large, edible, violet-colored berries larger than Cherries. Gal. tins, 70c.

**Eugenia smithii.** ST6A. (*Acmena smithii*.) "Lillipilli Tree." 15 ft. 24". Has beautiful shining bronzy-green foliage and is covered in the winter months with big clusters of 1/2-inch berries, a lovely delicate lavender in color. Cut sprays of these berries make beautiful table decorations. The plant grows tall and slender, but not nearly so rapidly as the other Eugenias. Gal. tins, 80c; 5-gal. tins, \$2.50.

**Eugenia uniflora.** FS13. "Surinam Cherry." 6 ft. 20". Handsome ornamental fruiting shrub. See page 6. Gal. tins, \$1.50; 5-gal. tins, \$3.50.

## It's Easy to Order by Mail

If not convenient to visit our Display Yards at Ontario, North Hollywood or Culver City, just put your order in the mail and no matter where you live we'll get it to you by the safest and most economical means, whether it be truck, mail, express or freight. See pages 40 and 41 for shipping and delivery information. Address all mail orders to Ontario.

## Brilliant Winter Blue

**Eranthemum nervosum.** ST4B. "Blue Winter Eranthemum." 4 ft. 24". We are always very much pleased when we can recommend a good, small, blue flowering shrub because they are scarce, especially one which has such luxuriant looking all-year foliage. This plant from tropical India bears many large clusters of the most brilliant blue flowers throughout the late winter and spring. Prefers a shady position with plenty of moisture but is not particular and will do as well in the sun, if not allowed to become too dry. Gal. tins, 80c.

## Evergreen Euonymus

**Euonymus japonicus.** S100. "Evergreen Euonymus." Euonymus has long been a most useful foliage ornamental in the West and South, standing heat and cold, easily grown anywhere in the Southwestern States, and always with dense, glossy, handsome foliage. Often used as trimmed specimen plants and makes splendid hedges which can be pruned to any desired height. Flats of 100 plants, \$6.00; gal. tins, 60c; balled, 2-3 ft., \$3.50; 3-4 ft., \$4.50. We also have the **Giltedge (S100A)** in flats of 100 plants at \$6.00, and the **Gold-spot (S101)** in flats of 100 plants, \$6.00; gal. tins, 60c; balled, 2-3 ft., \$3.50; 3-4 ft., \$4.50.

**Euonymus fortunei radicans.** G5. "Red Winter Creper." Zero. One of the finest spreading, creeping foliage plants for a ground cover. See page 37. Flats of 100 plants, \$6.00.

## Like Frosted Coral

**Eupatorium vernale.** S102. "Coral Eupatorium." 4-5 ft. 23". Just visualize a handsomely foliaged 4 ft. plant, glossy and bright green right down to the ground, carrying at the end of every branch from January to April, 5 or 6-inch heads of small, flesh-pink blooms, soft and feathery, like a dainty piece of pink coral. Blooms first winter after planting. Prune severely after each blooming period. Gal. tins, 60c.

## Poinsettias

**Euphorbia pulcherrima.** ST7. "Poinsettia." The well known scarlet "Christmas Flower" so popular for sunny positions in milder situations. Always be sure to plant Poinsettias in full sun. Gal. tins, 80c.

**Euphorbia Henriette Ecke.** ST8. "Double Poinsettia." 28". The big, brilliant red flowers, enormous in size, are semi-double, with extra petals in the center. Very unusual and spectacular, it is about halfway between the improved, very double form below and the ordinary single type listed above. They are all beautiful, and if you like the simpler forms, this one will appeal to you most. Gal. tins, \$1.00.

**Euphorbia Henriette Ecke Improved.** ST9. "Giant Peony-Flowered Poinsettia." 28". Here is the most spectacular of all Poinsettias, with an enormous, brilliant red flower, fully double like a peony. Until you have seen those gigantic, spectacular flowers which get to be 9, 10 or even 12 inches across, you've no idea how magnificent they are. Plants are scarce. Gal. tins, \$1.25; 5-gal. tins, \$3.50.

## Silver and Gold

**Euryops pectinatus.** S104. "Silver and Gold Bush." 2-3 ft. 18". Where the above variety is tall and slender, this is beautifully rounded and compact, with handsome silvery gray leaves 3 inches long, covered in late winter and spring with beautiful bright golden yellow, 1 1/2-inch flowers on 6-inch stems. A beautiful low garden plant, furnishing a spot of brilliant color in a dry sunny spot. Gal. tins, 80c.

## A Botanical Miracle

**Fatsihedera lizei.** S105. 6 ft. 5". One of the rarest objects in nature, an artificial hybrid between plants of different genera, the giant leaved *Fatsia japonica* and the ordinary English Ivy (*Hedera*). Makes a plant halfway between the two with extremely handsome deep green glossy foliage. Splendid for training flat against or over a wall. Its large, glossy, 6-inch leaves make a cool green covering in no time. Sun or shade. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Golden Fremontia

**Fremontia mexicana.** S106. "San Diego Fremontia." 10 ft. 5". A splendid large native flowering shrub with small, fig-like, gray-green leaves and a marvelous profusion of coppery, orange-yellow flowers, 2 to 3 inches across, in the later winter and spring. Full sun, good drainage and not too much water. Gal. tins, \$1.50.

## Freeblooming Fuchsias

There is no other shade-loving shrub that will bloom so profusely and with so much color over such a long season as the Fuchsia. They like a cool, moist situation, shady, thriving anywhere in California. 18". Price on all Fuchsias: gal. tins, 80c.

## Our Largest Flowering Fuchsias

**Gypsy Queen.** ST14. Double giant with rose-pink petals and flame colored sepals. 4-5 ft.

**Aviator.** ST11. Single, pure white, with long, rose-red sepals curving outward like wings. 2-4 ft.

**Pride of Orion.** ST17. Immense double flowers, with pure white petals, brilliant scarlet sepals. Our best white. 4-5 ft.

## Tubular-Flowered Fuchsias

**Corymbiflora.** ST13. Spectacular, 4-inch, crimson, tubular flowers in big clusters. 4-8 ft.

**Souv. de Henry Henkel.** ST18. Long, tubular, scarlet flowers and plum-colored foliage. 2-4 ft.

## Our Best Hanging Basket Fuchsias

**Cascade.** ST12. Almost 4 inches long. Coral-rose sepals, bright rose petals. 1-2 ft.

**Aurora superba.** ST10. Single, orange-salmon. 2-4 ft.

## Our Best Low-Growing Fuchsias

**Little Beauty.** ST15. Single, purple petals, red sepals. The most compact plant and the heaviest bloomer. 1-2 ft.

**Pasteur.** ST16. Double, white petals, scarlet sepals. 1-2 ft.

## From a Lonely Isle

**Galvesia speciosa.** S108. "San Clemente Snapdragon." 3 ft. 20". From the channel island of San Clemente off the California coast comes this handsome plant which performs the almost unbelievable feat of producing lovely, carmine-red, snapdragon-like flowers, 1 1/2 inches long, throughout the entire year. A low, arching, spreading mound of handsome foliage, 3 feet high and 4 feet or more across, and you will find that there will be seldom a day during the year when you cannot find beautiful blooms on it. Grows easily almost anywhere. Full sun or semi-shade. Gal. tins, \$1.00.

## Swirling Snow

**Genista monosperma pendula.** S112. "Bridal Veil Broom." 10 ft. 10". Tall and slender, with drooping greyish branchlets, completely clothed in the spring with a dense shower of dainty, little, pure white, fragrant flowers like swirling snow. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Fragrant Gardenias

The Gardenia, or as it is often called, Cape Jasmine, is unequalled for its rich, sweet perfume, and its snow-white blooms are produced in continuous succession throughout the year. They grow 2 to 4 feet high and are hardy down to 18°. Gardenias are a little difficult to grow in the open where it is hot and dry, doing best in partial shade or in filtered sunlight, with good drainage and a slightly acid soil condition, best obtained by the liberal use of peat moss or leaf mold. Give the plants plenty of moisture but do not keep them too wet, and since they root near the surface, do not cultivate around them. Gardenias should be heavily fertilized. Give each plant a handful of commercial fertilizer during each month from May to September.

**Gardenia jasminoides "Mystery."** (Armstrong Strain.) S109. During the last several years this Gardenia has become the most popular variety in Southern California largely because it has the biggest, glossiest and most luxuriant foliage and also has the biggest and most spectacular blooms, the magnificent, fragrant, snowy white blossoms often measuring 4, 5 and even 6 inches across. It makes a big, vigorous plant quickly and opens all its buds perfectly into magnificent flowers. There are several strains of Gardenia sold under the name Mystery, but we feel that the Armstrong Mystery Gardenia is much superior to any other type, having larger, more perfect blooms, with bigger, glossier foliage and a robust habit. Gal. tins, \$1.00; 5-gal. tins, \$3.00.

**Gardenia veitchii.** S110. The foliage is not nearly as good as Mystery, but it has the faculty of producing more blooms, though small ones, than any other Gardenia, and once established, provides great quantities of medium sized (2-inch), fragrant flowers. Gal. tins, \$1.00.

**Gardenia radicans.** S111. "Dwarf Gardenia." A dainty and interesting little Gardenia, much like Mystery but much smaller in every respect. Small glossy foliage and miniature blooms only 1½ inches across. Grows 12 to 18 inches high. 4-inch pots, 70c.

## Australian Grevillea

**Grevillea banksii.** S113. "Crimson Comb Flower." Dense fern-like foliage and large, comb-like deep crimson flowers 4 inches long. It blooms almost every month in the year. Sun or part shade. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Cheerful Sun-Roses

**Halimium ocyroides.** S117. "Spanish Sun-Rose." 3 ft. 10°. For many weeks in the spring and early summer this little rounded plant with gray-green foliage is a glorious mass of bright yellow flowers, each bloom with a maroon-red center. Plant it in a sunny spot where it will not get too much water and prune it back once a year after the flowering season. Grows easily anywhere. Gal. tins, 70c.

**Halimium lasianthum.** S115. "Portuguese Sun-Rose." 2 ft. 10°. Grows low and spreading, becoming about 4 feet across. Its soft downy gray foliage is beautiful at all times, and every morning in the spring and early summer, it is profusely covered with its brilliant canary-yellow flowers, blotched purple at the base. Wherever you live in California these plants are ideal for the sunniest, driest spots in your garden. Gal. tins, 70c.

**Halimium lasianthum concolor.** S115A. Just like the above, but the flowers are bright canary-yellow without the purple spots. If you prefer not to see spots, try this one. Gal. tins, 70c.

**Halimium libanotis.** S116. "Rosemary Sun-Rose." 18 inches. 10°. Dainty little compact plant with fine, gray-green, rosemary-like foliage, covered for many weeks in spring with quantities of little ¾-inch pure white flowers. We like it very much because it stays small, gets quite compact, and grows with the greatest of ease almost anywhere. See illustration at right. Full sun. Gal. tins, 70c.

## Orange Ginger-Lily

**Hedychium gardnerianum.** ST20B. "Orange Ginger-Lily." 4-5 ft. 24°. For something really startling in the way of exotic color and fragrance, try this surprising Ginger-Lily from India. The 8 to 12 inch flower spike is a complicated affair with long tubes of saffron-yellow, contrasted with extraordinarily long filaments which are orange, shading to orange-scarlet at the tip, exceedingly brilliant. And it has an intoxicating sweetness that fills the garden with fragrance (or the house if you want to cut them). It blooms with great freedom in spring and summer, and even when out of bloom the big, glossy leaves, 18 inches long and 6 inches across, are beautiful. Plenty of moisture. Sun or shade. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Hedychium coronarium.** ST20A. "White Ginger-Lily." 6 ft. 24°. Similar to the above, but with exceedingly fragrant 3-inch white blooms, used by the natives in the South Sea Islands for their leis. And let us emphasize that fragrance again, for it is extremely powerful. Sun or shade. Likes plenty of moisture. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Chinese Hat Plant

**Holmskioldia sanguinea.** S122. "Chinese Hat Plant." 8 ft. 22°. Planted in a warm, sunny spot, this unique plant will produce great long clusters of brick-red flower bracts during almost the entire year, even through the middle of winter when you can use it for Christmas decorations. The flowering branches, resembling clusters of the richest colored Bougainvilleas, keep well when cut and placed in the house. A beautiful thing when trained flat against building or wall facing south. It likes plenty of sunshine and plenty of water. One of the most colorful new ornamental shrubs for milder California. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Hydrangeas

Everybody loves the big Old-Fashioned Hydrangea macrophylla described below, but you will enjoy these new hybrids with their richer, deeper colors as well. Part shade. 10°. Price on all varieties except Rouget de Lisle and villosa: Gal. tins, 80c; 5-gal. tins, \$2.50.

**Avalanche.** S129. Immense, pure white. **Matador.** S125. Deep rich rose-red.

**Triomphe.** S127. A very fine deep pink.

**Rouget de Lisle.** S126. Normally this is a rich shade of deep carmine, but we have treated the soil to make them bloom a deep rich blue. The flowers will always be that way if you keep the soil acid. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Hydrangea macrophylla.** S124. (H. hortensis.) "Old-Fashioned Hydrangea." 5-8 ft. Long a favorite in California gardens, with its large bold foliage and immense heads of pink flowers, which turn blue in soils containing iron.

**Hydrangea villosa.** DS4A. "Blue Star Hydrangea." 4-6 ft. 10°. Because this lovely Hydrangea loses its leaves more completely in the winter than the others above, we list it with the Deciduous Shrubs on page 25. It has the most beautiful blue Hydrangea blooms that you have ever seen. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

When ordering, please include on your order sheet, both the name of the variety wanted and the code number (the code number is given in each description directly after the botanical name).

The plant of Rosemary Sun-Rose at the right is 18 inches high. Covered with little white flowers in early summer. Likes a dry, warm spot.



Orange Ginger-Lily (Yellow, Orange and Scarlet).

## Yunnan Sweetspire

**Itea yunnanensis.** S140. "Yunnan Sweetspire." 5 ft. 15°. From the mountains of Yunnan in China comes one of the finest all-year foliage plants that can be grown in California. Big, bronze tinted, bright green leaves. Long, fragrant, white catkins in spring. Full sun or part shade but requires plenty of moisture in the summertime. Gal. tins, 70c; 5-gal. tins, \$2.25.

**Itea ilicifolia.** S139. "Holly Leaf Sweetspire." 8 ft. 15°. The big, toothed, polished, deep green leaves look more like Holly than Holly itself, and you will never find anything better than its foliage to use for your Christmas decorations. One of the most magnificent foliage plants for any California garden. Sun or part shade along coast but only part shade inland. Gal. tins, 80c; 5-gal. tins, \$2.50.





# Armstrong Flowering Shrubs

## Chinese Hibiscus

Hibiscus are one of the showiest flowering shrubs for Southern California, with large glossy leaves and immense bright-colored flowers. They all like plenty of sunshine and moisture and are hardy down to about 28°. Given these conditions they grow easily and bloom during the entire year. All single unless noted.

### Standard Varieties

Gal. tins, 80c; 5-gal. tins, \$2.50.

**Agnes Galt. SH1.** Immense coral-pink.

**Apricot. SH1A.** Apricot, shaded yellow. Gal. tins only.

**Brilliant. SH2.** Immense brilliant scarlet.

**Double Red. SH5.** Rich dark crimson.

**Muriel Evans. SH9C.** Deep orange flushed pink and yellow.

**Sunshine. SH13.** Big flowers of golden yellow, with a deep pink throat.

### Unusual Hibiscus

Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Butterfly. SH3.** A large, bronze yellow flower with a rich red center. No tropical butterfly ever had richer colorings.

**Double Yellow. SH6.** Beautiful, large many petalled flowers of clear yellow.

**Prince Takamatsu. SH10.** A very large and lovely red Hibiscus, almost 7 inches across. It is a glowing orange-scarlet, larger and with more orange in it than the variety Brilliant.

**Arnotianus. SH1C.** Snowy white, no other shadings. Delightfully fragrant.

**Sophisticate. SH12.** Big white petals, heavily blushed with deep pink. Very lovely coloring. Got its name because the rouge is in just the right shade and just the right amount. We'd call it a perfect job of makeup. 5-gal. size only.

### Select New Hibiscus

Gal. tins, \$1.25; 5-gal. tins, \$3.00.

**Bronzino. SH2A.** Here is a magnificent new Hibiscus of Hawaiian origin, extraordinary in the richness of its color and the beauty of its form. The entire flower, which is almost 6 inches across, is a brilliant orange-bronze with a little tinge of red in the very center. The enormous petals overlap, forming a very full, large bloom, and the petals are ruffled like crepe paper, giving a most unusual effect.

**Fiery Furnace. SH7.** A new variety with an amazingly rich color scheme, glowing golden orange deepening toward the throat until it becomes flaming red in the center, from which protrudes the rich golden orange stamens. The petals are heavily ruffled and crinkled like thick crepe paper. Gal. tins only.

**Orange Glow. SH9D.** A 6-inch flower of rich apricot-orange with flame colored throat. Gal. tins only.

### Just Over From Hawaii

**Fireside. SH8.** Another new exclusive Armstrong Hibiscus from Hawaii. The magnificent 5-inch flower has very broad overlapping petals, ruffled and beautifully textured. It has a flaming, glowing red center, suffusing toward the outer edges of the petals into rich deep chrome-yellow. One of the richest color combinations imaginable. Gal. tins, \$1.50 each; 5-gal. tins, \$3.50.

## The Biggest Holly Leaves

**Ilex altacalensis wilsoni. S132.** "Broad Leaved Holly." 6-8 ft. 5°. The long, dark green 3-inch leaves are rich glossy and ideally shaped, and they are the biggest Holly leaves of any variety in our collection. Compact, beautifully filled in, it makes a magnificent shrub and the beautiful big red berries are on a par with the handsome foliage. Gal. tins, \$1.50; 5-gal. tins, \$3.50; 2-2½ ft., \$5.

## English Hollies

**Ilex aquifolium fertilis. S133.** "Fertile English Holly." Ordinary English Hollies grown from seed will not all produce berries so we have grown these special grafted plants of a type bearing heavy crops of very large, red berries every year if planted in a location suitable for English Holly. Most of the plants already have berries on them in the larger sizes. Plant in shade or semi-shade in Southern California. Plenty of moisture. Gal. tins, \$1.25; 5-gal. tins, \$3.00; balled, 2-3 ft., \$4.00; 3-4 ft., \$6.00.

**Ilex aquifolium Golden Queen. S133A.** Foliage variegated green and gold. Balled, 1½-2 ft., \$4.00; 2-3 ft., \$5.00.

**Ilex aquifolium Silver Queen. S134.** "Silver-Edged English Holly." The foliage is beautifully variegated with silver and light green against the dark green. The beautiful red berries show up even better than on the dark foliage. Gal. tins, \$1.25; balled, 1½-2 ft., \$4.00.

**Ilex aquifolium Van Tol. S137.** "Dutch Holly." A form of the English Holly bearing great big half-inch berries even when the plants are very small. You will not have to wait for berries on this one. Gal. tins, \$1.25; 5-gal. tins, \$3.00; balled, 1½-2 ft., \$4.00; 2-3 ft., \$5.00.

## Chinese Holly

**Ilex cornuta Fertile. S136.** "Fertile Chinese Holly." 6-10 ft. 5°. This is one of the very best Hollies for Southern California or anywhere in California because it is better adapted to warmer climates than the English Hollies and can be planted right out in the sun in the southern part of the State. Large, dark green, many toothed leaves forming a bushy, compact plant. These are cutting grown plants of a special heavy berry-producing type. Ordinary seedling Chinese Hollies will not usually produce berries profusely, but these we offer will not fail to bear. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 1½-2 ft., \$4.00; 2-3 ft., \$5.00; 3-4 ft., \$8.50.

## Burford Holly

See Illustration in Color on Page 34.  
**Ilex cornuta burfordi. S135.** "Burford Holly." 6-10 ft. 5°. A particularly fine foliage and heavily berried type of the Chinese Holly which does exceptionally well in California. The foliage is large, so glossy that it looks as if it had been varnished, deep green in color. The plant bears plenty of big, bright red berries like those illustrated on page 34. While it makes a large shrub in time, it will not reach its ultimate height for a number of years. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 1½-2 ft., \$4.00; 2-3 ft., \$5.00.

## Lantanas

**Lantanas. 22°.** These popular ever-blooming shrubs grow very rapidly and are a mass of bloom almost all the year. The dwarf varieties grow from 1 to 3 feet high and the tall varieties to 5 or 6 feet. All kinds: Gal. tins, 60c.

**Orange-Red. S142.** Dwarf.

**Pure White. S143.** Dwarf.

**Clear Yellow. S144.** Dwarf.

**Light Pink. S145.** Tall.

**Orange-Red. S146.** Tall.

**Trailing Lantana. G13. (L. sellowiana.) 22°.** Much used for trailing over sunny banks and walls. A mass of lavender flowers during most of the year. Fast growing. Flats of 100 plants, \$5.00; gal. tins, 60c.

The big coral-pink Hibiscus Agnes Galt.

## The Low Growing Gold Flower

**Hypericum moserianum. S130.** 2 ft. 10°. A popular low foreground shrub, covered with big, 2-inch golden yellow blooms in the spring. Gal. tins, 70c.

**Hypericum patulum henryi. S131.** 4 ft. 10°. Similar to the above but the plant, foliage and flowers all larger. Sun or part shade. Gal. tins, 70c.

## Hollyhocks on Bushes

**Lavatera olbia. S148.** 15°. A fast-growing Mallow which has long been a favorite in English gardens and is rapidly becoming just as popular in California. It grows rapidly to about 6 feet and bears almost continuously good sized bright pink flowers like single Hollyhocks. We can safely recommend it for almost any soil and any location. Should be cut back each year during winter almost to the ground. Gal. tins, 80c.

The flowers of Lavatera look like big pink hollyhocks.





The sweet-scented Jasmine Grand Duke (natural size).

## Old Fashioned Lavender

**Lavandula officinalis.** S149. "Old-Fashioned Lavender." 18 inches. 0°. The beautiful rounded, little silvery-gray leaved plant from which the true Oil of Lavender is obtained. Tall rosy-purple flower spikes, exceedingly fragrant when rubbed. Gal. tins, 70c; balled, 12-18 inches, \$2.00.

**Lavandula pedunculata.** S149A. "Purple Plume Lavender." 15 inches. 0°. The long-stemmed, deep purple flower spikes, each topped by 3-inch purple plumes, 1½ inches long, are much brighter but just as fragrant as the old type above. Gal. tins, 70c.

## Australian Tea Tree

**Leptospermum laevigatum.** S150. "Australian Tea Tree." 8-10 ft. 15°. Large spreading shrub with graceful arching branches and grayish-green foliage, needing very little water and thriving in any soil. Splendid for cut sprays for house decoration because of its handsome little foliage and its little white flowers. Easily trained in espalier form against a sunny wall, but give it plenty of room. Needs good drainage. Full sun. Gal. tins, 70c; 5-gal. tins, \$2.25.

## Pink Sparkler

**Leptospermum Sanders.** S152. "Pink Sparkler." 6 ft. 15°. One little spray will make you want it for cut flowers, and when you have a 6-foot plant, its long, slender arching branches covered all year with soft, feathery, light green foliage and all spring with lovely little ¾-inch lilac pink flowers, shaded crimson—well, you'll drag your friends out in the garden to see if you do not already have a vase full in the living room to show them. Full sun or half-shade. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Rose-Flowered Tea Tree

**Leptospermum scoparium Rose Double.** S151. "Dwarf Rose-Flowered Tea Tree." 4-6 ft. 15°. Here is one of the most beautiful little flowering shrubs ever offered for California gardens. It grows fairly erect but never gets very large, has soft, fine-cut, dainty foliage which looks the same all the year. In March and April it produces great quantities of little double pink blooms which look like little Cecile Brunner Roses and are about the same size. The plant grows easily anywhere, preferring reasonably dry soil and full sun. It is a delightful and useful plant from which to obtain material for bowl arrangements for the table. The little pink buds and flowers with their accompanying foliage look well with many other bloom sprays. Gal. tins, 80c; 5-gal. tins, \$2.50.

## A Texas Ranger

**Leucophyllum frutescens floribundum.** S153. (texanum.) 5 ft. 10°. A beautiful plant from Texas, with soft, silvery-gray foliage, and pinkish lavender flowers, 1 inch across, borne in great profusion in the later summer, and sometimes in the spring as well. Prefers full sun and not much water. Gal. tins, 70c.

## Three Big Salesyards

There are now three Armstrong Sales and Display Yards (no other branches or agents) at which you may select from a full supply of Armstrong products. In addition to our home display yard at Ontario, our North Hollywood Branch on Magnolia Blvd., at Coldwater Canyon Ave., serves all of the San Fernando Valley, and our new Culver City Branch on Sepulveda Blvd., four blocks south of Culver Blvd., is convenient for all of Los Angeles and the beach cities.

## Grand Duke Jasmine

**Jasminum sambac Grand Duke.** S141. 2-5 ft. 20°. A rare and beautiful, semi-reclining shrub with double 3-inch flowers of pure white with a powerful and refreshing sweet perfume. Quite hardy, but prefers some shade and blooms almost the year around. It is easier to grow than the Gardenia, while the flowers look like perfect many-petalled Gardenias and exceed those fragrant flowers in the intensity of their sweet perfume. Part shade. Gal. tins, \$1.50.

## Lemon Verbena

**Lippia citriodora.** S158. "Lemon Verbena." 5 ft. 22°. The cool, delightful fragrance of its foliage is unequalled, and the white flower spikes in summer are attractive. It is always found in the patios of old Spanish gardens in Europe and America. Gal. tins, 80c.

## When Can You Plant?

The black squares under each month in the calendar below indicate that you can plant evergreen shrubs during every month in the year.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Tins or Balled	■	■	■	■	■	■	■	■	■	■	■	■

## Privets for Hedges

**Ligustrum henryi.** S154. "Henry's Privet." 3-8 ft. 5°. Small, glossy, pointed leaves. One of the finest for a low hedge or for a pruned specimen plant. Flats of 100 small plants, \$5.00; gal. tins, 60c.

**Ligustrum lucidum.** S156. "Japanese Privet." 4 to 12 ft. 10°. Leathery dark-green glossy leaves and white flowers. The best tall hedge plant, making a fast, heavy, substantial growth. Hardy, drought resistant. Excellent for Arizona or other desert areas. Flats of 100 small plants, \$5.00; gal. tins, 60c.

**Ligustrum japonicum.** S155. "Nepal Privet." 3-8 ft. 10°. Large, glossy deep green leaves, hardy from seacoast to desert. Flats of 100 small plants, \$5.00; gal. tins, 60c; 5-gal. tins, \$2.25.

**Ligustrum ovalifolium.** S157. "California Privet." 3-8 ft. 0°. A most popular hedge plant for severe climates. Strong growing, bright green foliage, makes a compact hedge of any desired size when pruned. Partially loses leaves in winter. Flats of 100 small plants, \$5.00; gal. tins, 60c.

## Oregon Grape

**Mahonia aquifolium.** S-159. "Oregon Grape." 3 to 6 ft. 0°. Dark, lustrous, holly-like foliage and yellow flowers in dense clusters in the early spring, followed by purplish berries. Thrives in almost any location but partial shade and ample moisture result in brighter and glossier foliage. An all-climate plant. Gal. tins, 70c; 5-gal. tins, \$2.25.

**Mahonia aquifolium compacta.** S159A. "Dwarf Oregon Grape." 2-4 ft. 0°. Quite similar to the above, but with slightly smaller, narrower leaves. The main difference is in the lower, more spreading habit of growth. For a dense, compact, low bank of foliage, it is almost unexcelled, and it grows easily anywhere, always retaining its handsome appearance. Like the regular Oregon Grape, it does its best in half shade with plenty of moisture. Gal. tins, 80c; 5-gal. tins, \$2.50; balled, 1½-2 ft., \$3.00; 2-3 ft., \$3.75.

## Miniature Orchid

**Malpighia coccigera.** ST21A. "Holly Malpighia." 2 ft. 26°. Dainty little dark green holly-like leaves ½ to ¾ inch long. Covered in late summer and fall with little pink and white frilled blooms which in their delightfully dainty and bizarre form and rich colorings resemble the most beautiful tiny orchids. Shade or semi-shade. Plenty moisture. Use peat moss or leaf mold. Easy to grow under these conditions. Gal. tins, \$1.50.



The red lantern of Malvaviscus.

## Red Lanterns

**Malvaviscus grandiflorus.** S163. "Red Lantern Plant." 8-10 ft. 23°. Here is a shrub that really gets out and goes to town as soon as you plant it, for within a few months it will be a big mass of handsome, evergreen foliage, decked with large, bell-shaped, 2½-inch, bright crimson flowers like miniature Chinese red lanterns, and we doubt if there will be a day in the year thereafter when you will not find plenty of flowers on the plant. It is one of those shrubs you can plant in almost any climate, any soil, any place, sun or semi-shade and get abounding beauty in foliage and flower. Gal. tins, 70c.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

Flowers of Rose-Flowered Tea Tree. The size and color of Cecile Brunner Roses.



# Armstrong Flowering Shrubs

## African Boxwood

*Myrsine africana*. S167. "African Boxwood." 2-3 ft. 15°. Particularly valuable because it retains its small, compact form without pruning and because of its small, glossy, dense foliage which keeps its beauty uniformly throughout the year. Splendid for small specimen plant or low hedge, in fact, it is one of the best low foliage plants on our list. It does well in almost any climate from coast to desert and in any soil even where alkali is present. Full sun or part-shade. Flats of 100 small plants, \$6.00; gal. tins, 80c; 5-gal. tins, \$2.50.

## True Myrtle

Note: Armstrong Myrtles are cutting-grown and therefore uniform in size, compact in shape, with fine glossy foliage. Most Myrtles bought elsewhere are grown from seed because it's cheaper, and vary greatly in shape, foliage and rate of growth.

*Myrtus communis*. S168. "True Myrtle." 4-8 ft. 15°. Valuable for either single specimens or small hedge. The foliage is shining green and highly aromatic, with creamy-white flowers in spring and currant-like black berries in summer. Easily kept pruned to almost any desired height. Thrives in hot, dry situations and cool ones as well. Flats of 100 small plants, \$6.00; gal. tins, 60c; 5-gal. tins, \$2.25.

*M. communis* Compact. S169. "Dwarf Myrtle." 3-6 ft. 15°. One of the finest low evergreen hedge plants for California or Arizona. Extremely dense and compact, with small dark shining leaves; shapes itself, can be pruned down to 2 or 3 feet if desired. Plant 24 inches apart. Flats of 100 small plants, \$6.00; gal. tins, 60c; 5-gal. tins, \$2.25.

## Nandina

*Nandina domestica*. S170. "Heavenly Bamboo." 5 ft. Zero. A favorite of California gardens is this plant, densely clothed with compound leaflets, bronzy red when young, dark green at maturity, and with beautiful coppery red tones in winter. Topped with great showy clusters of red berries in winter, but more than one plant is necessary to secure berries. Full sun or part shade. Flats of 100 small plants, \$6.00; gal. tins, 70c; 5-gal. tins, \$2.25.

## Oleander (Nerium)

*Nerium oleander*. 15°. The Oleander, with its brilliant, showy blossoms, is a beautiful shrub throughout all of California. It does particularly well in the desert regions and warm inland valleys. Grows and blooms quickly wherever planted and blooms almost all through the year. The flowers are very sweet and fragrant. A good tub plant too.

All varieties: Gal. tins, 70c; 5-gal. tins, \$2.50. Balled plants available as indicated after each variety.

Double Salmon (Mrs. Roeding). S173. Balled, 3-4 ft., \$3.00; 4-5 ft., \$4.00.

Double Light Yellow. S172.

Double Rose Pink. S174. Balled, 4-5 ft., \$4.00.

Double White. S171.

Single White. S176. Balled, 3-4 ft., \$3.00; 4-5 ft., \$4.00.

Single Cherry Red. S175. Balled, 3-4 ft., \$3.00.

Single Light Pink. S177.

## Unbelievably Fragrant

*Osmanthus delavayi*. S179. "Delavay Osmanthus." 5 ft. 10°. A compact, spreading plant with deep olive-green foliage like dainty, miniature holly leaves. In the spring the plant is covered with innumerable white bell-shaped flowers which release the most amazing amount of sweet fragrance. Any old-time English gardener will tell you what a rare prize this plant is. Slow growing. Semi-shade or shade. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## Sweet Olive

*Osmanthus fragrans*. S181. "Sweet Olive." 10 ft. 10°. Large, handsome, dark green foliage and small, white, extremely fragrant flowers in clusters, whose cloying sweetness, like gardenia and hyacinth mixed, will betray their presence in the garden before you see the plants. Plant it to the windward and the breeze will waft the perfume over the entire garden. A splendid large background shrub. See illustration opposite page. Sun near coast, part shade inland. Gal. tins, 80c; 5-gal. tins, \$2.50; balled, 2-3 ft., \$3.25; 3-4 ft., \$4.00; 4-6 ft., \$7.50.

## Holly Leaves—Fragrance

*Osmanthus fortunei*. S180. 6 ft. 10°. Big, dark, 3-inch leaves that look like the glossiest, most beautiful English Holly leaves, and many white, very fragrant flowers, even sweeter than those of the Sweet Olive below. This combination of foliage and fragrance will make room for it in many gardens, and it is easily grown almost anywhere. Best in part shade. Gal. tins, \$1.00.

## California Holly

*Photinia arbutifolia*. S183. "California Holly" or "Toyon." 6-10 ft. 15°. One of the finest California shrubs is the California Holly or Christmas Berry, which covers itself with great handsome clusters of brilliant red berries at the Christmas season. It makes a large, spreading, well-shaped bush and is an astonishing sight when loaded with its handsome berries, which make splendid indoor decorations for Christmas. Ours are no ordinary California Hollies but a specially selected, very large-fruited strain found only in secluded canyons on Catalina Island. Full sun, good drainage. 5-gal. tins, \$3.50.

## Chinese Photinia

*Photinia serrulata*. S185. "Chinese Photinia." 8-10 ft. 5°. For all of California and Arizona there is no finer large evergreen shrub than this magnificent plant. At all times it is clothed with great dark, shining 8-inch leaves, which are dotted during fall and winter with occasional brilliant red leaves, and in spring the plant becomes a solid mass of great 6-inch heads of white flowers. See illustration at right. Gal. tins, 70c.

## A Beautiful Large Shrub

*Photinia serrulata* Nova. S186. "Compact Chinese Photinia." Like the above but much glossier foliage and bigger, lacier flower heads. The big, handsome foliage is bronze, reddish green when it first comes out, turning to bright glossy green as the leaves attain their full size. We like to recommend it because it is not only one of the most beautiful of large shrubs but it will grow almost anywhere with ease. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Blue Plumbago

*Plumbago capensis*. S193. "Blue Cape Plumbago." 5 ft. 20°. A clambering, semi-climbing shrub covered all summer with lovely clear azure-blue flowers. Placed in a corner or against a sunny wall, it will fill the space quickly, so give it plenty of room, and if you are in a hurry for results, Plumbago will fill the bill. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.50.

If it is not convenient for you to visit one of our three Display Yards, mail your order in and no matter where you live we will see that it reaches you by the safest and most economical method, whether it be mail, express, freight or our own trucks. See delivery and shipping information on pages 40 and 41.



*Pittosporum rhombifolium* may be grown as a small tree or as a large shrub. Either way it's beautiful.

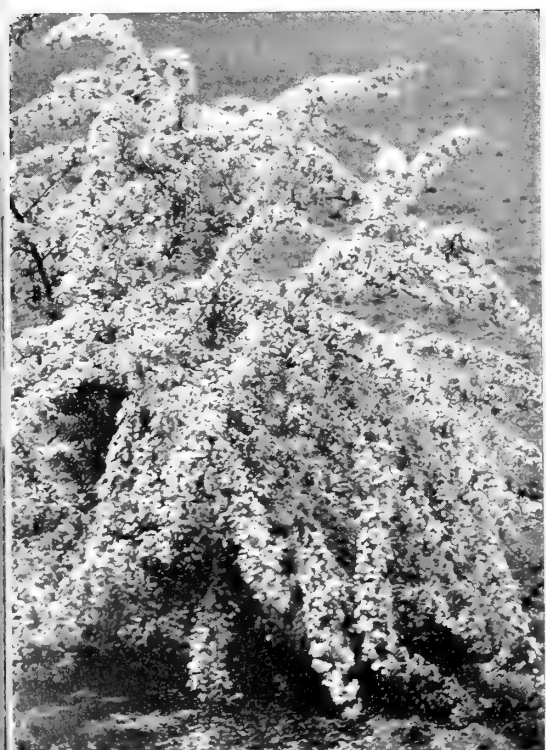
## Banana Shrub

*Michelia fuscata*. S165. "Banana Shrub." 6 ft. 18°. A handsome but rarely seen shrub with 2-inch tulip-like flowers, brownish yellow in color, with a heady, pleasant banana-like fragrance. Connoisseurs of flower perfumes always go wild when this plant is in bloom, and we feel a bit daffy ourselves when we take a whiff of its delicious scent. It has been a long time since we have had enough to offer, and the first-comers get them. Sun, semi-shade or shade. 5-gal tins, \$4.00.

## Orange Jessamine

*Murraya paniculata*. S166. "Orange Jessamine." 6-10 ft. 20°. The foliage is that rich, luxuriant shade of green that everybody likes, always glossy and fresh looking. And in the spring and summer the plant has many panicles of white, exceedingly sweet-scented flowers like orange blossoms which frequently appear at the same time as the small, bright red fruits which the plant bears as it gets older. It is unquestionably one of the finest of fragrant flowering plants. Sun or part-shade. Gal tins, 80c; 5-gal. tins, \$2.50.

Rogers Firethorn in bloom. Orange berries in great profusion follow these white blooms.



## Useful Pittosporums

**Pittosporum rhombifolium.** S189. 15 ft. 20°. Small tree or large shrub of compact habit, with very fragrant white flowers, followed by clusters of large orange berries in fall and winter. It makes a beautiful little tree for walled garden or parkway, never getting too large for its location. See opposite page. Gal. tins, 70c; 5-gal. tins, \$2.25.

**Pittosporum tobira.** S190. 5 to 8 ft. 15°. A wide spreading, dense round headed shrub, with deep, glossy green foliage, excellent for massing against the house or wall, or for a fine large hedge. In the winter it is covered with small fragrant white flowers resembling orange blossoms. It thrives anywhere in California and in Arizona as well. Gal. tins, 80c; 5-gal. tins, \$2.50; balled, very bushy, 2-3 ft., \$3.50.

**Pittosporum tobira variegata.** S191. 4-8 ft. 15°. A beautifully variegated form of the above, with handsome silvery cream and green foliage. Gal. tins, 80c.

**Pittosporum undulatum.** S192. "Victorian Laurel." 8-20 ft. 22°. Large deep green, glossy undulated leaves. Its yellowish white flowers are very fragrant, especially at night. Big orange berries follow the flowers. Excellent for planting in narrow parkways, for a tall hedge or for foundation plantings where a large handsome mass of foliage is desired. Probably more widely planted within 30 miles of the coast in California for a large foliage plant than any other plant. Gal. tins, 60c; 5-gal. tins, \$2.25.

## Daphne Pittosporum

**Pittosporum daphniphyloides.** S187. "Daphne Pittosporum." 8-10 ft. 22°. Not only is it a beautiful large, handsome shrub with glossy, bright green, 6-inch, long, narrow leaves, but it carries in spring and early summer 2-inch clusters of creamy yellow flowers which are delightfully fragrant with a mixture of spice, lemon and orange blossom fragrance which gives it the name Daphne Pittosporum. You'll walk toward it to inhale that fragrance many times when it's in bloom. Full sun or part shade. Plenty moisture. Gal. tins, \$1.00.

## Climbing Syringa

**Philadelphus mexicanus.** V37. "Climbing Syringa." 12°. While often grown as a vine, this plant makes a big, spreading, 6 or 8 foot shrub if desired and is well worthwhile growing as such for its great quantities of creamy white, double, 2-inch flowers, intensely fragrant in spring. Sun or half-shade. Gal. tins, 85c.

## Hollyleaf Cherry

**Prunus ilicifolia.** S195. "Hollyleaf Cherry." 5-10 ft. 10°. The glossy holly-like leaves of this splendid native California shrub make fine Christmas decorations. Useful for large hedge or background planting in dry soil. Full sun. Gal. tins, 80c.

## Two Fine Laurels

**Prunus laurocerasus.** S196. "English Laurel." 5-8 ft. 5°. Makes the finest specimen shrub possible with its large, thick, glossy green leaves. Thrives anywhere except in the desert. Sun or shade. Gal. tins, 70c; 5-gal. tins, \$2.25; balled, 2-3 ft., \$3.00; 3-4 ft., \$4.50.

**Prunus lusitanica.** S193A. (Laurus lusitanica.) "Portuguese Laurel." 5-10 ft. 5°. A slow growing, very dark green foliaged shrub, glossy, dense, compact and handsome. Spikes of fragrant white flowers in the spring. Sun or part shade. Gal. tins, 80c.

## Catalina Cherry

**Prunus lyoni.** S-197. (integrifolia.) "Catalina Cherry." 15-25 ft. 10°. Large, glossy, holly-like leaves, 3 to 5 inches long, handsome the entire year. Popular and useful as large background plant, large hedge or small street tree. Growing easily anywhere in full sun, any soil. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Carnation-Flowered

**Punica granatum Dwarf.** S198. "Carnation-Flowered Pomegranate." 3-4 ft. 10°. Quantities of exceedingly brilliant scarlet carnations, full and double, borne on bushes; how would you like to have plants that will provide such blooms? It's easy—you'll have it in this much improved new dwarf Pomegranate, with its fresh, bronzy-green summer foliage, bright colored flowers and small showy crimson fruits borne in the fall and winter. In colder sections loses most of its leaves for a very short time in the middle of winter. This is not the old type Dwarf Pomegranate usually sold, it's an entirely different plant which we first offered several years ago. Plant in full sun, coast or desert. See illustration in color on page 34. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Berried Pyracanthas

The evergreen Hawthorns (or Firethorns) are exceedingly valuable for their great wealth of bright-colored berries in the fall and winter, which remain on the plant for many months. Easily grown and hardy anywhere. There are many varieties of Pyracanthas, but after testing many kinds, we have selected the three varieties below as being the very best. Plant them all in full sun.

**Pyracantha coccinea lalandi Fertile.** S199. "Orange Firethorn." 6-8 ft. 0°. The most popular orange berried variety, growing more slender and erect than most others. On fire in the fall and winter with great masses of brilliant, lustrous, orange berries, larger and showier than any other in its color. Hardier than other Pyracanthas, growing over a wide range. Ours is a selected, improved type, fruiting younger and with bigger berries. Gal. tins, 70c; 5-gal. tins, \$2.25.

**P. crenulata rogersiana.** S201. "Rogers Firethorn." 6 ft. 5°. New and improved variety, with quantities of bright orange berries borne clear to the tip of every willow branch, thus making splendid cut sprays. When the plant is covered with its frosty, lacy, white bloom in May (see illustration at left), it is a magnificent sight and worth growing for that reason alone. It also seems to be immune to pear-blight, which occasionally attacks other Pyracanthas. Gal. tins, 70c; 5-gal. tins, \$2.25.

## Graber's Giant Red

**Pyracantha crenato-serrata Graber.** S200. "Graber's Firethorn." 8-10 ft. 5°. Of all the red berried Pyracanthas that we have grown, this is the best, and it is superlative in almost every way. The plant is the largest and most vigorous of all, with larger, glossier foliage. The big, bright crimson berries are enormous, borne in clusters as big as your two fists and thickly covering the plant. A single plant, allowed to grow freely or trained flat against building or wall, is a spectacular sight in the fall and winter, and since the berries are at their best at Christmas-time, they make splendid Christmas decorations. Many small white flowers in spring. Give it plenty of room, because it will use it. Gal. tins, \$1.00; 5 gal. tins, \$2.75; 5-gal. tins, espalier form, \$6.00.

## Rosemary

**Rosmarinus officinalis.** S216. "Rosemary." 3 ft. 0°. A delightful plant for the garden, not only for its fragrance but for the soothing beauty of its gray-green foliage and little light lavender blooms. Gal. tins, 70c.

**Rosmarinus officinalis Prostrate.** S216A. "Prostrate Rosemary." 0°. A delightful little, spreading, creeping form of the Rosemary, with slightly smaller foliage, which becomes 2 or 3 feet across but never gets over 8 inches high. It has the same delightful fragrance, lavender blooms and cool gray-green foliage. Gal. tins, 70c.



Foliage and flowers of the Sweet Olive (*Osmanthus fragrans*).

## The Picturesque Evergreen Pear

**Pyrus kawakami.** S202. "Evergreen Pear." 8-12 ft. 15°. Only now has sufficient stock of this extremely unusual and lovely large shrub or small tree been available in California to offer generally. Fresh, luxuriant Pear foliage which amazingly enough does not drop in the winter and is much better looking than any Pear foliage you ever saw. In the spring the foliage is almost obscured by masses of fragrant white flowers, making the plant one of the most beautiful sights imaginable. May be grown according to needs as a picturesque small tree, large shrub or espaliered against wall or fence. Gal. tins, \$1.00; 5-gal. tins, your choice bush shape or tree shape, \$2.75; espaliered, 5-gal. tins, \$5.00; and in tubs, 4-6 ft., \$8.50.

## Pink Indian Hawthorn

**Raphiolepis indica rosea.** S204. "Pink Indian Hawthorn." 3-5 ft. 15°. One of the finest of the medium sized flowering shrubs for California, requiring no pruning, becoming as wide as it is high, and covered in early summer with the most magnificent large 6-inch panicles of half-inch pink flowers like the loveliest of apple blossoms, sweetly fragrant. Its foliage is extremely handsome and the flowers are followed by interesting clusters of blue-black berries. Plant it where close-up beauty will be appreciated. Ours are cutting-grown plants from selected, large flowered, deeply colored specimens. Ordinary seedlings, while they may be sold under this name, will never even approach them in beauty. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

Chinese Photinia is an all-climate shrub that thrives everywhere. Flower heads 8 inches across.





# Armstrong Flowering Shrubs

## Lemonade Berry

**Rhus integrifolia. S209. "Lemonade Berry."** 4-10 ft. 20°. For a thick bank of rich green, abundant, all-year foliage, this is difficult to equal. Grows easily anywhere with little care and no summer irrigation, although it doesn't object to some water. Has little pink flowers in spring. Responds to pruning readily and can be grown as a large 10-foot shrub, a low ground cover to 3 or 4 feet or can be grown espaliered against a wall. The pulp on the big red berries make a delightful lemonade-like drink. Gal. tins, 70c.

**Rhus laurina. S208. "Laurel Sumac."** 4-6 ft. 25°. Another handsomely foliaged native California shrub with large, 5-inch bright green leaves and panicles of white flowers. Fine for dry, sunny, rocky spots since it stands any amount of heat and drought. Gal. tins, 80c; 5 gal. tins, \$2.50.

**Rhus ovata. S210. "Sugar-Bush."** 6-10 ft. 20°. A native California shrub with lovely all-year foliage. The 4-inch leaves are thick and leathery, shiny green, and in late summer and fall when many other foliage plants look a bit rusty because of the heat and dryness, the Sugar-Bush is fresher and brighter than ever. Small creamy flowers in April, followed by deep red berries with a sugary covering. Grows anywhere. Full sun. Any soil. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Catalina Currant

**Ribes viburnifolium. S212. "Catalina Currant."** 2-3 ft. 15°. A spreading half-trailing little shrub from Catalina Island, with small, dark green, glossy leaves and wine red stems, producing many small, deep maroon colored flowers in the spring, followed by red berries. Excellent for trailing on slopes or for hanging over a wall. Grows anywhere in sun or shade near the coast, but prefers a slightly sheltered position in hot inland locations. Needs little water. Gal. tins, 80c.

**Ribes speciosum. S211. "Fuchsia-Flowered Gooseberry."** 6-8 ft. 15°. California native, with fine, glossy, gooseberry-like foliage, every branch strung in January and February with pendulous, bright red flowers with long red stamens which turn into red gooseberries later on. In our opinion, it is one of the very finest of native shrubs. Full sun along coast, half-shade inland. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Giant Matilija Poppy

**Romneya White Cloud. S213. "Improved Matilija Poppy."** 6 ft. 10°. The California Matilija Poppy has long been one of the most popular of native plants. This new hybrid is a great improvement over the ordinary Romneya, larger and more beautiful both in flower and foliage. The 8-inch blooms, snowy white, with the texture of crinkly white crepe paper, are graceful in spite of their enormous size and are held on the ends of the 5 to 6 foot stems, which are thickly clothed with handsome, big, blue-grey, 5-inch leaves right down to the ground. Makes a wide-spreading, many-stemmed clump which is quite hardy, and even if frozen down will come up quickly again in the spring. The big blooms are magnificent when cut and placed in a big brass bowl. Grows anywhere in full sun. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## Colorful Salvias

**Salvia leucantha. S217.** A 2-foot sub-shrub, sending up in the late summer and fall many spikes of woolly, violet-purple and white flowers. Colorful both in the garden and for bowl arrangements. Full sun. Cut back once a year in winter. Gal. tins, 60c.

**Salvia mexicana. S218.** 4-6 ft. Tall, fast-growing, bearing many deep blue flowers in late winter. Full sun. Gal. tins, 60c.

## Jungle Queens

**Rondelata cordata. ST22B.** 4-6 ft. 24°. From the luxuriant, little known jungles of southern Mexico, down on the border Guatemala way, comes a plant that will bring brilliant tropical color right into your garden because it grows beautifully here and makes the most magnificent clump of glossy, bright green foliage throughout the year. Covered in spring with big heads of richly colorful blooms as shown in color illustration on page 42. The buds and flower tubes are deep reddish salmon, while the lovely flowers are flesh-pink with a yellow bearded throat. The plants we have are so beautiful and so full of flower buds right now that we get a lot of pleasure out of sending them out, and you'll get far more pleasure out of them for many years to come. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Rondeletia amoena. ST22A.** 4-6 ft. 24°. Another lovely foliaged, brilliant flowered beauty from Central America, with slightly larger leaves than the above and somewhat smaller but even more vivid flowers. The flowers are rich pink with a yellow bearded throat. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## The Showy Ruellia

**Ruellia macrantha. ST22C.** 3-4 ft. 25°. One of the showiest and most everblooming of flowering shrubs for a mild climate, producing freely all over the spreading large foliaged plant big, dark lavender, funnel-shaped flowers almost the entire year, even through the winter. Partial shade or sheltered position. Gal. tins, 80c.

## Sea-Coast Beauty

**Solanum rantonnetii. S219A.** 6 ft. 25°. In the mild coastal regions this bushy, rounded, medium sized shrub is covered with its one-inch violet flowers almost every day in the year, and it is a splendid shrub for such locations. We grow a special improved type of this splendid shrub with flowers almost twice as large as the normal kind, a much deeper, richer blue in color. Gal. tins, 80c.

## Australian Bluebell

**Sollya heterophylla. S220. "Australian Bluebell Creeper."** 1 ft. 22°. A trailing shrub with many slender twining stems. Splendid for covering banks, low fences, stumps and other objects. Brilliant blue, small, bell-shaped flowers. Gal. tins, 70c.

## Spanish Broom

**Spartium junceum. S221. "Big Yellow Spanish Broom."** 10 ft. 10°. Fast-growing with many slender, bright-green branches almost devoid of leaves. Bears almost continually, large pea-like, bright yellow flowers, sweetly scented. Thrives equally well in the salt spray of the seashore or the hot sun of the desert. Gal. tins, 60c.

## Mexican Mallow

**Sphaeralcea umbellata. S222. "Mexican Mallow."** 4-6 ft. 19°. It grows fast, with big luxuriant leaves, and in February starts producing many big, bright crimson, cup-shaped flowers, 2 inches across, with a white splash at the base of the petals. Throughout the entire late winter, spring and summer it never stops blooming and in September is going as strong as ever. The hotter the weather the better it likes it, and since it is a native of the desert regions of Puebla, in Mexico, you can go away and forget to water it for six weeks and it doesn't mind it at all. Gal. tins, 80c; 5-gal. tins, \$2.50.

Please include on your order sheet both the name and code number of each variety ordered. This will help us to avoid errors in filling your order.

**Thryallis glauca** shines out with hundreds of little golden star-like flowers for many months in summer and fall.

## Coffee Berry

**Rhamnus californica crassifolia. S205. "Coffee Berry."** 4-6 ft. 10°. A native California shrub, medium sized, rounded, densely clothed right down to the ground with dark green, 3-inch leaves. Has dull red coffee-like berries. A splendid plant for use in any soil in almost any location where you want a thick, dense, low background along property lines, or in out of the way corners where you don't want to spend too much effort in looking after the plants, but where you'll have a good looking background all the time. Sun or part shade. Gal. tins, \$1.00.

**Rhamnus crocea ilicifolia. S206.** 5-10 ft. 10°. A larger shrub than the above, with bigger, holly-like, more luxuriant foliage and bigger red berries. Full sun. Gal. tins, \$1.00.

**Rhamnus crocea piriifolia. S207A. "Holly-Leaved Buckthorn."** 15-20 ft. 15°. Big, glossy, 4-inch leaves and plenty of big, bright red fruits in summer. These berries are immensely beautiful and the birds do not relish them. Easily grown anywhere. Gal. tins, \$1.00.

The crimson flowers of Mexican Mallow.



## Bright Yellow Trumpets

*Stenolobium stans angustatum*. S223. "Hardy Yellow Trumpet." 8 ft. 22°. Erect stems, heavily clothed with big, shiny cut leaves. Clusters of big 2-inch trumpet-shaped, brilliant yellow flowers in late winter and early spring which make a brilliant splash of color. Fast growing. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Autumn Color

*Stranvaesia davidiana*. S224. 6-12 ft. 0°. A splendid large Chinese shrub with glossy dark green, 4-inch leaves which assume in the winter many brilliant hues from purple-bronze to red and orange, although they do not drop. Then follow great quantities of brilliant fruit like little red apples and in the spring a profusion of handsome white flowers. It presents a colorful and interesting picture during every season of the year. While it thrives almost anywhere in California, it is most luxuriant in cold-wintered sections of California and other Pacific Coast regions. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Bird-of-Paradise

*Strelitzia reginae*. ST23. "Bird-of-Paradise." 2-4 ft. 24°. The exotic, showy flowers of this striking plant, which resemble the crested head of a tropical bird, gorgeously hued in brilliant orange and bright blue, are among California's most magnificent blooms. The 3-foot stems come from the base of the plant, which has wide, stiff, evergreen leaves somewhat like small banana leaves. Blooms in winter and spring. Full sun on coast, part shade inland. Gal. tins, \$1.50; 5-gal. tins, \$4.50.

## Brilliant Orange

*Streptosolen jamesoni*. ST24. 3 ft. 28°. Few plants will provide as much brilliant orange color throughout most of the year. Likes the sea coast, full sun, good drainage but plenty of moisture. Gal. tins, 80c.

## South African Red Spurs

*Strophanthus speciosus*. ST25. "South African Red Spurs." 28°. An interesting clambering low shrub with very showy flowers, orange spotted with red, each flower with a unique 1½-inch spur on it. Sun or semi-shade. Gal. tins, \$1.00.

## Cape Honeysuckle

*Tecomaria capensis*. V43. "Cape Honeysuckle." 22°. May be trained as a half-climber. A splendid mass of dark green foliage, dense and compact, with clusters of bright red, tubular flowers like scarlet honeysuckle in fall and winter when other flowers are scarce. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Giraffes Browse On It

*Tecomaria shirensis*. S227. 6-8 ft. 22°. We introduced this beautiful flowering shrub two years ago from Nyassaland in northeastern Africa, where the giraffes and the elephants roam. An upright plant with slender, arching branches, large, bright green leaves, producing in late winter and spring, big, 2-inch flowers in a most brilliant flaming shade of orange. The fiery, glowing blooms are borne in large clusters of 15 to 20 and look like glorified tropical honeysuckles. Full sun. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Silver and Blue

*Teucrium fruticans*. S228. "Silver and Blue Germander." 3 ft. 10°. One of those useful little plants that grow under any soil or climatic conditions, its handsome blue-gray foliage making a good background for the little light blue flowers which are borne in great profusion during the summer. Particularly good for dry, rocky places. Full sun. Gal. tins, 70c.

## The Princess Flower

*Tibouchina semidecandra grandiflora*. ST27. "Princess Flower." 6 ft. 27°. An improved, large-flowered form of this colorful plant with soft, velvety, bronze-green foliage and quantities of glorious 4-inch royal purple flowers, borne almost eight months in the year. Needs a sheltered location away from wind, and extremely good drainage. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Golden Star Shower

*Thryallis glauca*. ST26. "Goldshower Thryallis." 4 ft. 24°. A plant that we consider just about perfect for the average California garden because it grows easily under all conditions of soil and climate, stands the heat, dry soil and several degrees of frost, is attractive in appearance, with long, light green, 2-inch leaves, and from July to January is covered with little star-shaped bright yellow blooms in many flowered panicles, each flower one-fourth of an inch across. They look like the little golden stars used by teachers to reward their pupils for attendance and good behavior. Gal. tins, 80c; 5-gal. tins, \$2.50.

## Orange Ground Cover

*Thunbergia gibsoni*. V44. "Orange Clock Vine." It's a rambling shrub that just wanders off from where you plant it, rambling along, and if it finds a stump, rock or fence in its path, it'll just climb right over them. All through the year it bears lovely golden orange trumpet-shaped flowers, 1½ to 2 inches across. Best near coast. Sun. Gal. tins, 80c.

## Star Bush

*Turraea obtusifolia*. ST28. 3 ft. 26°. We have found this new and still rare South African introduction one of the most satisfactory small flowering garden shrubs. It makes a compact, handsomely foliaged small plant, carrying most of the summer many star-shaped jasmine-like pure white flowers, 1½ to 2 inches across. It stands plenty of heat and will grow in either full sun or part shade. A shrub which is just the right size to fit into most gardens. In the summer it is a mass of blooms from July to November, every branch looking like the one illustrated at the right. Gal. tins, 80c; 5-gal. tins, \$2.50.

## It's Easy to Order by Mail

If it is not convenient for you to visit our Display Yards in Ontario, North Hollywood or Culver City, just put your order in the mail, and no matter where you live, we will get it to you by the best and most economical means, whether it be mail, express, freight or our own trucks. See pages 40 and 41 for shipping information.

The new Matilija Poppy "White Cloud" has giant white flowers 8 inches across, twice the size of this picture.



The Star Bush has flowers like this from July to November all over the plant.

## Giant Chinese Snowball

*Viburnum macrocephalum*. S233. "Giant Chinese Snowball." 5-6 ft. 0°. A gorgeous Oriental Snowball, with big flower heads, 6 to 9 inches across, snowy white, nestled against the dense 4-inch oval leaves in May and June. Ordinary Snowballs lose their leaves in the winter. This one is evergreen except in the very coldest locations, where it may lose a part of its leaves. It is lavish with those great big snowballs and makes a spectacular sight in the garden. Full sun near coast, half-shade inland. 5-gal. tins, \$2.75.

*Viburnum cinnamomifolium*. S231. "Cinnamon Viburnum." 6-8 ft. 18°. Large, handsome glossy green 5-inch leaves. Big 7-inch flower heads in spring. Semi-shade. Gal. tins, \$1.00; 5-gal. tins, \$2.75.





The waxy white, pink-flushed flower cluster of Gardenia-scented Viburnum, each cluster three inches across.

## Gardenia-Scented Viburnum

**Viburnum burkwoodii.** S230. "Gardenia-Scented Viburnum." 4 ft. Zero. In the very early spring the end of every branch on this handsome shrub bears a large 3-inch head of the most delightful waxy white, pink-flushed flower clusters, intensely sweet with Gardenia-like fragrance. Throughout the summer it has exceedingly beautiful, shiny foliage which in colder climates turns a bright color in the fall. Becomes 4 or 5 feet across when fully developed, and for the average small garden in a semi-shady position with plenty of moisture, it is one of the finest shrubs that can be planted. Gal. tins, 80c; 5-gal. tins, \$2.50.

# Flowering Shrubs

(continued)

## Sweet Viburnum

**Viburnum cylindricum.** S232. 6-8 ft. 18°. Nothing makes a garden more successful than dependable, glossy, all-year foliage, and this fine new Chinese introduction supplies that in perfection, the big green, waxy leaves being 6 or 7 inches long. Added attractions are small white blooms followed by big black berries. 5-gal. tins, \$2.75.

**Viburnum odoratissimum.** S234. "Sweet Viburnum." 6-8 ft. 10°. If we were to select the one best permanent evergreen shrub for shade or semi-shade in California, we believe it would have to be this beautiful plant from China, with its big, long, 6-inch shining foliage and its fragrant, white, 4-inch flower panicles, which possess a most delightful fragrance. Following the flowers appear red berries. Best in shade or part shade but grows in sun as well. Likes plenty of moisture. Gal. tins, 80c; 5-gal. tins, \$2.50; tubs, \$4.00.

**Viburnum suspensum.** S236. 8 ft. 15°. A luxuriant mass of shiny dark green leaves. One of the most popular of foundation shrubs for California plantings. Fragrant, white, rose-scented flowers in winter. Best in light shade. Gal. tins, 70c; 5-gal. tins, \$2.25.

## For a Sunny Hedge

**Viburnum tinus.** S237. "Laurustinus." 6-8 ft. 10°. One of the finest large hedge plants for a sunny situation. Also makes a beautiful large single specimen. The rounded plant is covered with many fragrant, white, rose-tinted flower clusters in early winter. It must have full sun all year long. Gal. tins, 60c.

## Perfect Foliage

**Xylosma senticosum.** S239. "Shiny Xylosma." 5 ft. 12°. We will have to state that this little known Chinese plant is the finest foliage plant for sunny positions in Southern California, for certainly nothing has surpassed it in our experimental garden. Every day in the year the shiny green foliage is handsome enough to draw admiration. Graceful, luxuriant, it needs no pruning to keep it in shape, is not particular about soil or water and extreme temperatures of 110°, and 17°, affect it not in the least. What a plant! Gal. tins, 80c; 5-gal. tins, \$2.50; tubs, \$5.00.

**Xylosma heterophyllum.** S238. "Holly Xylosma." 2 ft. 15°. It is difficult to find fine-foliaged shrubs which stay small like this one, 2 feet high and 3 feet across. A beautiful little compact mound of handsome foliage throughout the year. Shade or semi-shade. Gal. tins, 80c.

## Hardy Ferns

You can transform a cool, shady bed into a luxuriant fern glen by planting in it a few easily grown, hardy ferns. Use leaf mold or peat moss in planting.

All varieties below: Gal. tins, 80c.

**Maidenhair Fern (Adiantum).** F1. Well known delicate lacy favorites, 12-18 inches. **Cyrtomium falcatum.** F3. "Large-leaved Holly Fern." Shiny dark green broad-leaved fronds 18 inches long.

**Dryopteris dentata.** F4. "Downy Wood Fern." Fronds 3 feet long and 1 foot wide. **Dryopteris hirtipes.** F5. Long, feathery, 18-inch fronds, graceful and arching.

**Pellaea viridis.** F6. "Green Cliffbrake." Handsome, much divided fronds, 2 feet long.

**Polystichum adiantiforme.** F7. Fronds triangular, 2 feet long and 8 inches wide.

**Pteris cretica Wimsett.** F9A. Narrow finger-like leaflets, 5 to 7 inches long. Eighteen inches high.

**Pteris tremula.** F12. "Australian Brake Fern." Long, feathery, slender, bright green fronds, 2 to 3 feet long.

**Woodwardia fimbriata.** F13. Makes a big clump of broad fronds from 3 to 6 feet long.

# Armstrong Palms, Bamboos and Grasses

## Queen Palm

**Arecastrum romanzoffianum.** M1. (Cocos plumosa.) "Queen Palm." 17°. Southern California's favorite Palm is the Queen Palm, with a tall, slender, smooth trunk topped with a plume-like crown of feathery, graceful leaves. The roots accommodate themselves to surprisingly small spaces and when once established they need very little water. For parkways, patios, and lawn plantings the Queen Palm lends an informal yet dignified tropical appearance. Balled, 5-6 ft., \$5.50; 6-8 ft., \$8.50; 8-10 ft., \$12.50; 10-12 ft., \$17.50.

## Fan Palms

**Washingtonia filifera.** M4A. "California Fan Palm." 30-50 ft. 10°. Native to our California deserts, the Washingtonias are fitting permanent memorials to the father of our country. Hairy fan-shaped leaves and a tall sturdy trunk. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 3-4 ft., \$4.50; 4-5 ft., \$6.00; 5-6 ft., \$7.50.

**Washingtonia robusta.** M5. "Mexican Fan Palm." 50-100 ft. 12°. Similar to *W. filifera*, but the trunk is much taller and more slender. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 3-4 ft., \$4.50; 5-6 ft., \$7.50; 6-8 ft., \$10.00; 8-10 ft., \$15.00.

**Butia capitata.** M1B. "Pindo Palm." 10-15 ft. 10°. Stout fan-like short-trunked, with arching graceful leaves of powdery blue. The fruit is good to eat, something like a loquat. Gal. tins, \$1.00; balled, 2-3 ft., \$3.00; 3-4 ft., \$6.50.

**Chamaerops humilis.** M1D. 6 ft. 15°. The short trunk is soon hidden in a mass of leafy suckers, making a miniature thicket. 5-gal. tins, \$2.75.

**Erythea armata.** M2A. "Blue Palm." 10-20 ft. 15°. Lovely steel-blue fan-like leaves. Gal. tins, \$1.00; 5-gal., \$2.75; balled, 2-3 ft., \$4.50; 3-4 ft., \$6.00.

**Erythea edulis.** M2B. "Guadalupe Palm." 25 ft. 15°. A sturdy small Fan Palm with large, long-lived rich green leaves. Stands ocean winds well, thrives anywhere. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 3-4 ft. \$7.50; 4-5 ft., \$10.00.

## Date Palm

**Phoenix canariensis.** M4. "Ornamental Date Palm." 10°. Its dense, immense crown of beautiful curving leaves, each 15 feet long and of a pleasing dark green color, and its stately and rapid growth under all conditions, combine to make it an ideal Palm for street, park and lawn, from seacoast to desert. Gal. tins, \$1.00; 5-gal. tins, \$2.75; balled, 2-3 ft., \$3.50.

## Windmill Palm

**Trachycarpus fortunei.** M4B. "Windmill Palm." 10-40 ft. Tall, slender, hairy trunk, with graceful head of 3-foot fan leaves on top. Gal. tins, \$1.00.

## Graceful Bamboos

The Bamboos grow easily in almost every location and their noble clumps of graceful stems, their wealth of soft green foliage and their informal lines of symmetry make them indispensable for certain landscape effects.

**Bambusa nana.** M1G. "Striped Bamboo." 6 ft. A dwarf arching clump, with slender canes striped green and gold. 15°. 5-gal. tins, \$2.50.

**Bambusa ventricosa.** M1H. "Buddha Bamboo." A dwarf Bamboo, never over 3 feet high. 5-gal. tins, \$2.50.

**Bambusa multiplex.** M1J. "Dwarf Fern-leaved Bamboo." 8 ft. A dwarf variety with finely-divided fern-like leaves. 15°. 5-gal. tins, \$2.50.

**Dendrocalamus latiflorus.** M1F. "Giant Bamboo." The very largest and tallest of all, reaching a height of 60 feet in time and making an enormous clump with great rapidity when once established. 18°. 5-gal. tins, \$2.50; bare root clumps, \$1.00 each.

**Phyllostachys nigra.** M3B. "Black Bamboo." 8 ft. 15°. Black stems headed with beautiful feathery foliage. Gal. tins, 80c.

## Pampas Grass

**Cortaderia selloana.** M2. "Pampas Grass." 6 ft. Handsome big clump of long, arching, grass-like leaves, surmounted by great silvery white plumes. Ours is the superior, fluffy, silvery white plume, better than the ordinary type. Gal. tins, 80c.

**Pennisetum ruppellii.** M3A. "Fountain Grass." 3-4 ft. Beautiful dense tuft of handsome grassy leaves and lovely rosy crimson flower spikes on slender bending stems. Full sun. Gal. tins, 70c.

## New Zealand Flax

**Phormium tenax Veitchii.** M4C. "New Zealand Flax." 4-6 ft. Long, rigid, ribbonlike leaves, marked with creamy-white stripes on a green ground. The reddish purple flower stalks borne occasionally become 10 feet high. The leaves are often used now in dainty bowl arrangements. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Mondo jubaron Gold Stripe.** M3. "Lilyturf." 1½-2 ft. Robust, graceful, low grass which makes a thick clump of narrow, handsome green leaves, striped with gold, surmounted by spikes of beautiful blue flowers that look like the blooms of Grape Hyacinth. Very handsome. 4-inch pots, 60c; 6-inch pots, \$1.

## Dracena

**Cordylina australis.** M1E. "Giant Dracena." 8-20 ft. Sword-shaped arching leaves borne in a cluster at the top of the tall, slender trunk. Grows easily anywhere. Gal. tins, \$1.00; balled, 4-6 ft., \$6.00; 6-8 ft., \$8.50.

Shipping Weights: 4-inch pots, 4 lbs.; 6-inch pots, 10 lbs.; gal. tins, 10 lbs.; 5-gal. tins, 50 lbs. each.

# Armstrong Vines

You will find offered here not only the hardy vines of the colder climates which thrive in California but many brilliant flowering vines of the Tropics. The minimum temperature given after the name is approximate only to give some idea of the hardiness. All vines evergreen unless otherwise stated.

All vines listed here can be shipped and planted at any time during the year unless otherwise specified in the description. Gal. tins weigh 10 lbs., 5-gal. tins 50 lbs. each packed. For shipping costs see page 41.

## Blue-Berry Climber

*Ampelopsis brevipedunculata*. V2. "Blue-Berry Climber." Below zero. Big, handsome, three-pointed, five-inch leaves will thickly cover wall or arbor, and in late summer or fall the vine is brilliant with many clusters of the most beautiful shining metallic blue berries which make wonderful decorative material when cut. Can be grown in sun or shade in almost any climate. It has the most beautiful ornamental berries of any vine that we grow. Leafless in winter. Gal. tins, \$1.00 each.

## Chinese Clematis

*Clematis armandi*. V9. "Chinese Clematis." Zero. One of the loveliest evergreen flowering vines ever to come out of the mountains of China. In April and May it hangs full of lovely great clusters of 2-inch snowy white flowers. Doesn't like hot desert summers. See the more familiar large-flowered Clematis on next page. Gal. tins, \$1.50 each.

Blood Red Trumpet Vine (*Phaedranthus*). See Page 62.



## Rosa de Montana

*Antigonon leptopus*. V4. "Rosa de Montana." "Queen's Wreath." 10°. This magnificent flowering vine from Mexico thrives almost anywhere in Southern California, including the milder desert sections, grows very rapidly to 20 or 30 feet, and from early spring to late autumn is a mass of bright rose-pink heart-shaped flowers. Dies down in winter. Plants available March 1 to December 1. Gal. tins, \$1.00.

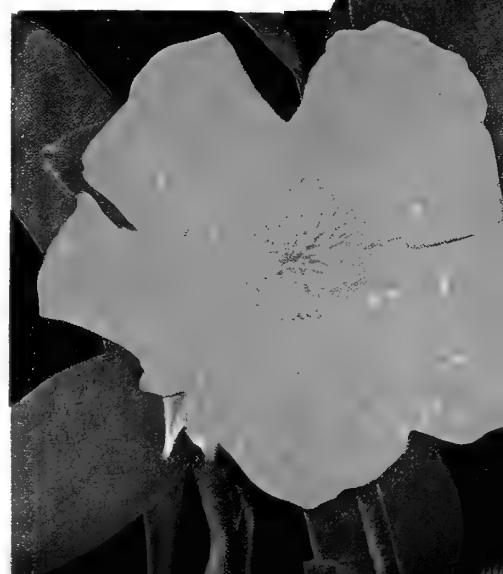
Orange-Red Trumpet Vine



Sky-Flower (See Page 62)



Hibbertia (See Next Page)



Giant Burmese Honeysuckle (*Lonicera hildebrandiana*). The Magnificent Flowers, Shown Here Less Than Half Size, Become 6 or 7 Inches Long. See Page 62.

## Beautiful Bomarea

*Bomarea caldasiana*. P10. "Orange Climbing Peruvian Lily." 27°. A remarkable climbing herb with striking flowers of great beauty. It has grassy broad foliage, grows to 4 or 5 feet, needs a fence or trellis to twine around, and through spring and summer it has big clusters of 2-inch tubular flowers that look like a cross between an orchid and a trumpet flower. Brilliantly colored in orange, yellow and red. Rare and scarce. Sun near coast, half-shade elsewhere. Gal. tins, \$1.50.

## Bougainvilleas

*Bougainvillea spectabilis*. VTOA. "Purple Bougainvillea." 20°. The hardiest of the Bougainvilleas, bearing a mass of brilliant reddish-purple flowers against a background of bright green leaves. Easily grown, but needs sun. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

*Bougainvillea spectabilis* Crimson Lake. VT1. 26°. Just as vigorous in growth as the above but immensely different in the color of the flowers, which are brilliant crimson. Fairly tender, full sun. Particularly fine on the seacoast in Southern California but splendid in milder interior sections as well. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

*Bougainvillea spectabilis* praetorius. VT2. "Bronze Bougainvillea." 26°. The most unusual of the Bougainvilleas because of the beautiful color of its bronzy gold flowers which change at times to apricot or orange-yellow. Best near seacoast or in frostless areas. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Orange-Red Trumpet

*Campsis tagliabuana* Mme. Galen. V7. (*Tecoma grandiflora*.) "Orange-Red Trumpet Vine." Zero. The most floriferous and gorgeous of all Trumpet Vines, with great clusters of very large brilliant scarlet-orange flowers, borne in great profusion in spring and early summer. Perfectly hardy anywhere. See illustration below. Bare root during January, February and March. \$1.50; 5-gal. tins, \$2.50.

## Evergreen Grape

*Cissus capensis*. V7A. "Evergreen Grape." 24°. One of the most luxuriant, picturesque and daintily foliaged of all vines for rambling over a large space is this wild grape vine, with its all-year foliage and reddish black edible fruits in the summer which make some of the most delicious jelly you have ever tasted. Sun or part shade. Gal. tins, 85c; 5-gal. tins, \$2.50.

## Glossy Winter Foliage

*Cissus hypoglauca*. V8. "Glossy Leaved Creeper." 20°. An informal rambling creeper or climber which will spread over any kind of an object in a short time. We like it because of its handsome shiny evergreen foliage, which looks as though it had been polished and is just as beautiful in the middle of winter as in the spring. One of the most beautiful foliage vine that we grow. Gal. tins, 85c; 5-gal. tins, \$2.50.

# Armstrong Flowering Vines

## Clings to Any Surface

**Ficus pumila. V16. "Creeping Fig."** 15°. The best evergreen vine for covering stone, brick or wood, making a close mat of small heart-shaped dark green leaves which cling closely to any surface. Thrives anywhere in California. Sun or part shade. Gal. tins, 85c.

## Showers of Gold

**Gaudichaudia mucronata. VT3. "Gilded Fairy Vine."** 28°. A beautiful and rare climber from the high Mexican mountains which has fascinated us by its beauty and charm. Fast growing, with graceful, small foliage, it becomes covered in the fall months with sprays of lovely little 1½-inch, brilliant yellow blooms which cascade down over the plant in rippling masses. When the sun shines on the flowers they have a peculiar glittering effect as though they had been sprinkled with gold dust. It does well under average garden conditions here in Southern California. Sun or semi-shade. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Carolina Jessamine

**Gelsemium sempervirens. V17. "Carolina Jessamine."** 12°. A slender twining vine, rapid growing and hardy, covered in spring with golden-yellow, fragrant, bell-shaped flowers. Splendid for framing a small arch, gateway or low fence, where moderate size is desired. Gal. tins, 85c; 5-gal. tins, \$2.50.

## Dainty Hardenbergias

**Hardenbergia comptoniana. V18. "Vinellilac."** 22°. Among all blue flowering vines this is our favorite. It sends its dainty, twining, slender leaflets over and around any kind of a fence or other object, and even shoots up into over-hanging shrubs or trees, and then in late winter is a marvelously beautiful sight when covered with its myriad 6-inch racemes of lovely violet-blue pea-shaped flowers. Among the few vines which will thrive on the north side of house. No plants for sale until May, 1944. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

**Hardenbergia bimaculata. V17A.** More bushy than *H. comptoniana*, with slightly broader foliage but with the same beautiful dark violet-blue flower spikes. Also hardier. Gal. tins, 85c.

## Golden Hibbertia

**Hibbertia volubilis. V21. "Guinea Gold Vine."** Its flexible twining branches grow rapidly to 8 or 10 feet, clothed quite densely with handsome, heavy textured, dark green foliage against which are borne for many weeks in summer quantities of brilliant yellow flowers of the size shown on preceding page. Probably the best evergreen, yellow-flowered climber that we offer. Sun or part-shade. Gal. tins, 85c; 5-gal. tins, \$2.50.

## Evergreen Ivies

**Hedera canariensis. V19. "Algerian Ivy."** 10°. We like it better than English Ivy because it grows faster and has bigger and brighter green leaves 6 inches across. Gal. tins, 85c; 5-gal. tins, \$2.50.

**Hedera canariensis Yellowedge. V20.** 10°. Beautiful big leaves handsomely blotched with light green, dark green, and creamy yellow. Shade or semi-shade. Gal. tins, 85c; 5-gal. tins, \$2.50.

**Hedera helix. V20A. "English Ivy."** 10°. Excellent wall or bank covering in sun or shade. Gal. tins, 85c; flats of 100, \$3.50.

## The Fragrant Jasmines

**Jasminum dichotomum. V22. "Goldcoast Jasmine."** 15°. A real gem among the jasmines is this lovely African species with the big, glossy, handsome foliage, rapid growth and exceedingly fragrant white blooms. The snowy white flowers at the end of their long tubes are about one inch across. It has everything that you would expect a beautiful climbing Jasmine to have. Gal. tins, \$1.00.

**Jasminum officinale grandiflorum. V24. "Spanish Jasmine."** 10°. Extremely vigorous, rapid growing, resistant to heat and very hardy. The large pure white flowers are extremely fragrant, this variety producing the essence which forms the basis of the world's finest perfumes. Thrives from coast to coast. Gal. tins, 85c; 5-gal. tins, \$2.50.

**Jasminum multiflorum. V23A. "Pinwheel Jasmine."** 15°. Slender twining stems and fragrant white flowers, one inch across, shaped like a little pinwheel and borne in clusters all over the plant during the entire summer. Shade or sun. Perfectly hardy almost anywhere in California. Gal. tins, 85c.

**Jasminum mesnyi. (J. primulinum.) V23. "Primrose Jasmine."** Zero. A fine winter blooming yellow-flowered Jasmine with long pendulous green branches which may be trained along a fence, over a pergola or as a big shrub. Flowers almost 2 inches across, only slightly fragrant. Gal. tins, 85c; 5-gal. tins, \$2.50.

## Honeysuckles

**Lonicera japonica halliana. V28. "Hall's Honeysuckle."** Zero. Delightfully fragrant, white flowers, changing to yellow. It thrives equally on coast or desert, in sun or shade. For rapid growth, dense foliage, and quantities of fragrant flowers this Honeysuckle is unexcelled and it grows easily anywhere. Gal. tins, 85c; flats of 100 small plants, \$3.50.

**Lonicera sempervirens Scarlet. V29. "Scarlet Woodbine."** Zero. The large, showy, orange-scarlet flowers have the brightest color in Honeysuckles. Easily grown anywhere. Does not get as dense in growth as Hall's Honeysuckle. The brilliant scarlet flowers attract much attention everywhere. Gal. tins, 85c; 5-gal. tins, \$2.50.

**Lonicera tellmanniana. V30. "Golden Giant Honeysuckle."** Zero. Here is something new and unusual. A magnificent, vigorous, luxuriantly foliaged Honeysuckle with beautiful, large, intense golden yellow blooms, tipped with bronzy red. A mass of beautifully colored blooms in late spring and perfectly hardy anywhere. Sun. Gal. tins, \$1.00.

Vanilla Scented Trumpet Vine (*Distictis lactiflora*)





## Giant Burmese Honeysuckle

*Lonicera hildebrandiana*. V27. "Giant Burmese Honeysuckle." 20°. The giant of all the Honeysuckles, covering large spaces and with enormous flowers reaching the unbelievable dimensions of 7 inches, yellow, changing to orange, red and buff, most deliciously fragrant. Most plants offered of this rare Honeysuckle are grafted on other roots and will never be satisfactory because they "sucker" badly. Ours are cutting grown and will always remain true. Especially fine right on seacoast. See colored illustration on page 60. Sun. Gal. tins, \$1.50; 5-gal. tins, \$3.25.

## Big Green Butterflies

*Mascagnia macroptera*. V32. "Green-Gold Vine." 18°. We could use a half column to express our admiration and enthusiasm for this lovely flowering vine from western Mexico. Against a background of handsome honeysuckle-like foliage are borne all during the summer months sprays and clusters of brilliant, shining golden yellow flowers, about three-quarters of an inch across, followed by, and often side by side on the vine with, beautiful, big, 2-inch seedpods which look like chartreuse colored (yellow green) butterflies of enormous size. These are lovely both on the vine and as cut decorative sprays for the house. Of medium size, likes full sun, dry soil. Gal. tins, \$1.25.

## Ivory White Trumpets

*Oxera pulchella*. V33. "Ivory White Trumpet Vine." 25°. Possibly the loveliest of all white flowering vines. In the fall of the year it is a solid sheet of ivory-white trumpet-shaped blooms, 2 inches long, 1 to 2 inches wide, so waxy and delicate in texture that you can hardly believe them real as they shine out against the handsome, dark glossy green foliage. Semi-shade. Best along coast or in sheltered foothill districts. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## Boston Ivies

*Parthenocissus tricuspidata veitchii*. V34. (Ampelopsis veitchii.) "Small-Leaved Boston Ivy." Zero. A vine which clings to any surface unaided, and closely covers walls, chimneys and stonework with a soft mantle of green in the summer, turning to gorgeous reds and yellows in autumn, dropping in winter. Sun or shade. Gal. tins, 85c.

*Passiflora edulis*. FS34. "Passion Vine." Delicious fruiting vine. See page 7.

## Blood Red Trumpet Vine

*Phaedranthus buccinatorius*. V36. (Bignonia cherere.) "Blood Red Trumpet Vine." 24°. A splendid evergreen climbing shrub which sends its heavy, dark green foliage everywhere, and all through the spring, summer and fall is covered with clusters of great blood-red, tubular flowers. It will climb over anything and will cover stone walls, fences, or buildings with a dense mantle of green in a short time. Almost everblooming. Full sun. See illustration in color on page 60. Gal. tins, 85c; 5-gal. tins, \$2.50.

*Philadelphus mexicanus*. V37. "Climbing Syringa." 12°. Easily trained over a fence, up a wall and along the eaves or can be grown as a big, spreading, 6 to 8 foot shrub. Either way it is worthwhile for its great quantities of creamy white, double, 2-inch flowers, intensely fragrant in spring. Sun or half-shade. Gal. tins, 85c.

## Silver Lace Vine

*Polygonum auberti*. V38. "Silver Lace Vine." Zero. A hardy, fast-growing, twining, deciduous vine, smothered with great clouds of small, white, fragrant flowers in panicles in late summer when flowers are scarce. Gal. tins, \$1.00.

## The Flame Vine

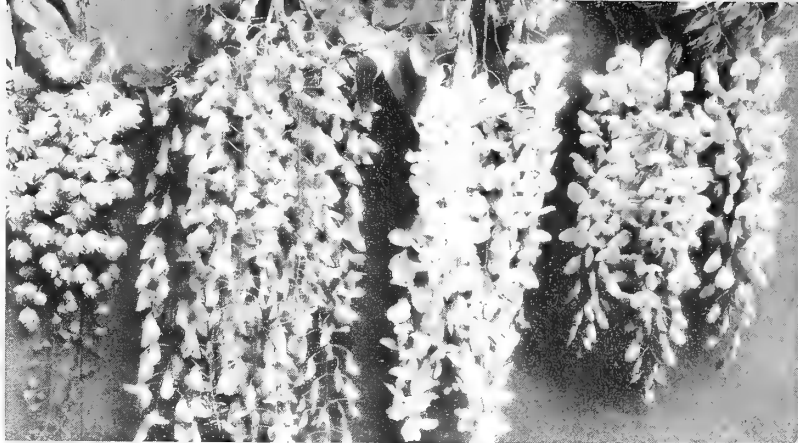
*Pyrostegia ignea*. V40. "Flame Vine." 26°. For brilliancy of color and abundance of bloom, this magnificent vine is difficult to excel. Its handsome foliage is smothered with a brilliant mass of vivid flaming orange-scarlet flowers all through the winter. The top of the vine must be in full sun. Easily grown in the warmer sections of California. Gal. tins, \$1.00.

## Cup of Gold

*Solandra guttata*. V41. "Cup of Gold." 26°. A tall, vigorous vine with big shiny leaves, and enormous trumpet-shaped, golden-yellow flowers 6 to 8 inches across and quite fragrant. A very showy, spectacular vine which needs plenty of room. Sun. Gal. tins, \$1.00; 5-gal. tins, \$2.75.

## Fragrant Corsage Vine

*Stephanotis floribunda*. VT4. "Fragrant Corsage Vine." 30°. Here is one of those rare and lovely vines you dream about. The snowy white, exquisite shaped blooms, waxy in texture, 1 to 2 inches long, and with a fragrance so delightful and permeating that it will fill the entire garden. The thick, 4-inch, glossy leaves are beautiful in themselves. Sun or shade. Plenty of moisture. Best along coast. Gal. tins \$1.75 each.



Left to Right Above: Flowers of Double Violet Wistaria, Long Cluster Wistaria, White Chinese Wistaria and Blue Chinese Wistaria. The Flower Clusters of the Long Cluster Wistaria Shown Above are Cut Short and are Actually About One-third Longer in Proportion to the Others.

## Cape Honeysuckle

*Tecomaria capensis*. V43. "Cape Honeysuckle." 22°. May be grown as a half climber or a large shrub. Has thick bright green foliage and clusters of bright red flowers like scarlet Honeysuckle in the fall and winter when other flowers are scarce. (But no fragrance like Honeysuckle.) Gal. tins, 85c each; 5-gal. tins, \$2.50.

## The Blue Sky Flower

*Thunbergia grandiflora*. V45. "Sky-Flower." 26°. Of extremely rapid growth, with large heart-shaped leaves which overlap to make a dense covering, the individual 3-inch blossoms hanging in clusters over the plant, and with a color that is rare in vines, bright sky-blue. Even if frozen down, it comes up and blooms the same season. Usually blooms in fall, winter and spring. Semi-shade or morning sun. See illustration in color on page 60. Gal. tins, 85c; 5-gal. tins, \$2.50.

*Thunbergia gibsoni*. V44. More of a ground cover than a vine. See page 58.

## The Star Jasmine

*Trochelospermum jasminoides*. (Rhynchospermum.) V46. "Star Jasmine." 15°. From the Malay Peninsula comes this splendid vine, which will absolutely dominate the garden in spring and early summer by the marvelous perfume which it wafts on the air from a myriad little star-shaped white flowers like miniature pinwheels. Worth planting for one whiff of its delicate, delicious fragrance. The vine is strong growing but not rampant, with big, leathery, glossy leaves which make a dense mass, and it thrives equally well in full sun, shade or semi-shade. Hardy almost anywhere in California. May also be grown as a large shrub if pruned. Gal. tins, \$1.00; 5-gal. tins, \$2.75; large trellised specimens, \$5.00.

## Gloryvine Grape

*Vitis coignetiae*. V47. "Gloryvine Grape." Zero. A fast growing, heavy foliaged vine, with great plush-like leaves, 8 to 12 inches across, which turn brilliant shades of red and bronze in autumn. Loses its leaves for the winter. It bears big clusters of fine blue-black grapes, excellent to eat or for jelly. A much more beautiful vine than any of the fruiting grape varieties because of its summer and fall foliage. Gal. tins, 85c; 5-gal. tins, \$2.50.

## Wistarias

Wistarias grow so rapidly everywhere and their long, pendulous flower clusters are so beautiful that they are one of the most popular of the spring flowering vines, but give them plenty of room. They really go places. Full sun. Leafless in winter. Prices on Wistarias: 2-yr. bare root (from Dec. to April), \$1.50; 3-yr. in 5-gal. tins, \$3.00.

*Wistaria sinensis*. V50. "Chinese Wistaria." Zero. Probably the most popular of all the Wistarias is this variety, covered with its giant blue flower clusters before the leaves appear in the spring. Never fails to bloom.

*W. sinensis alba*. V51. "White Chinese Wistaria." Zero. Same as above but with white flowers and a honey-sweet fragrance.

*W. violacea plena*. V52. "Double Chinese Wistaria." Zero. A beautiful double flowering variety, with long, violet-blue flower clusters. Fragrant.

*W. floribunda macrobotrys*. V48. "Long Cluster Wistaria." Zero. Probably the most beautiful of all Wistarias because of the extreme length of its lilac flower racemes, which often measure over 2 feet. Blooms later than the Chinese but not so profusely.

*W. floribunda macrobotrys rosea*. V49. "Rose Long Cluster Wistaria." Zero. The long, slender racemes are light lavender-pink.

Climbing Roses. See pages 67 to 76.

The Fragrant, Snowy White, Waxy Flowers of Stephanotis.





Picture has been our most popular pink bush rose (page 74), and we expect its new climbing form to be the most popular pink climber.

# Newer Climbing Roses

## No. 1 Pink Climber

**Climbing Picture. RC24.** (Armstrong Nurseries.) For several years the Bush Rose, Picture, has been the most popular pink variety in our entire list. That's why we think that the most outstanding new climbing rose is this big, strong, beautifully foliaged, climbing type of the same variety. Where you get dozens of fine blooms on the bush form, you'll get hundreds of beautiful long-stemmed, perfectly formed buds on this climber every spring with every flower a "Perfect Picture." Clear rose-pink with warm salmon undertones, enchantingly fragrant. Plant Pat. No. 524. \$1.50 ea.\*

**Climbing Mary Hart. RC20B.** The perfect buds of the Talisman Rose exist in a velvety blood-red shade in the Rose Mary Hart. Now Mary has produced a long-legged climbing daughter with a complexion just as lovely but with so much vigor that she climbs every fence in sight. Every long-stemmed beautifully formed bud is exquisitely fragrant. \$1.25 each.

## New Yellow

**Climbing Golden Rapture. RC16.** (Armstrong Nurseries.) In our opinion, the yellow rose with the most beautifully formed bud and open flower is Golden Rapture. The bush form of this rose has increased in popularity by leaps and bounds since it was introduced several years ago, and this is a new Armstrong-originated climbing form of this glorious rich shining yellow rose. Not only will it produce hundreds of magnificent blooms in the spring to reflect the sunshine in the garden, but it will provide many long-stemmed, perfect buds for cutting. Plant Pat. No. 508. \$1.50 ea.\*

**Climbing McGredy's Ivory. RC20C.** We have been looking for a beautiful new white climbing rose for a long time. Maybe you have wanted one too. This new one has perfect ivory-white buds, deliciously fragrant, produced in dozens all over the big vigorous plant every spring. It is a real find. \$1.25 each.

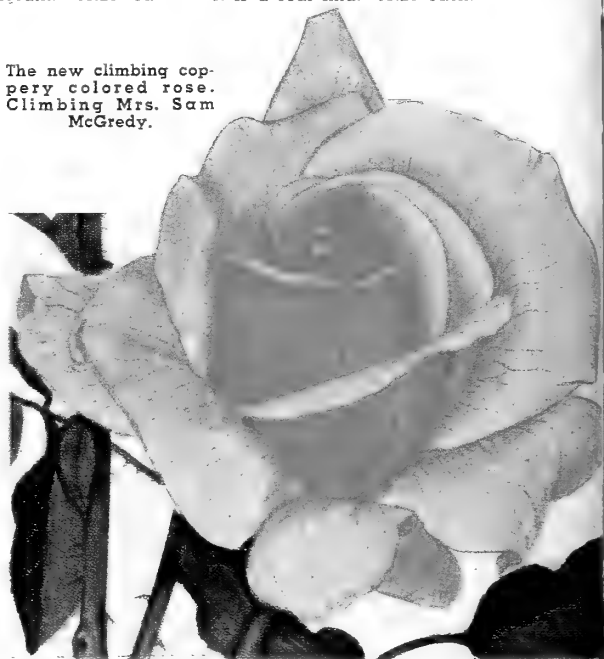
## Climbing Mrs. Sam

**Climbing Mrs. Sam McGredy. RC22.** (Western Rose Co.) For many years the bush form of this variety (see page 73) has been pleasing thousands of rose lovers with its beautifully formed, coppery orange buds and flowers. Now we can have that beautiful, glossy, bronzy green foliage, the most luxuriant and handsome in the rose world, spread over fence or wall and get dozens of those beautiful long-stemmed blooms instead of just one. We feel very happy about it, and you will too, when you get one in your garden. Plant Pat. No. 394. \$1.25 each.\*

## Deep Dark Red

**Climbing Night. RC23.** (Armstrong Nurseries.) This new climbing rose of our own introduction we believe to be the finest deep red climber. Large, full flowers of deep crimson, shaded black and maroon, opening out to beautifully shaped blooms and saturated with the same delightful cinnamon-clove fragrance which the Bush Rose Night possesses. It is a vigorous climber and for us has bloomed exceptionally well. A large plant covered with these velvety textured fragrant, deep dark red blooms certainly is a delightful thing to have in any garden. Plant Pat. No. 439. \$1.25 each.\*

The new climbing coppery colored rose. Climbing Mrs. Sam McGredy.



## Gay Mood

**Gay Mood. RC30.** (Lammerts, introduced by Armstrong.) Ever since the first plant of this new seedling bloomed in the trial rows we have gloried in the rich, deep coral-flame color of the buds and flowers which are produced all over the 8-foot plant, their beauty and brilliancy enhanced by a background of large, glossy foliage. Amazingly colorful in the spring, and keeps on flowering right through the summer. It has put us all in a gay mood, and we hope it will do the same for you. \$1.00 each.

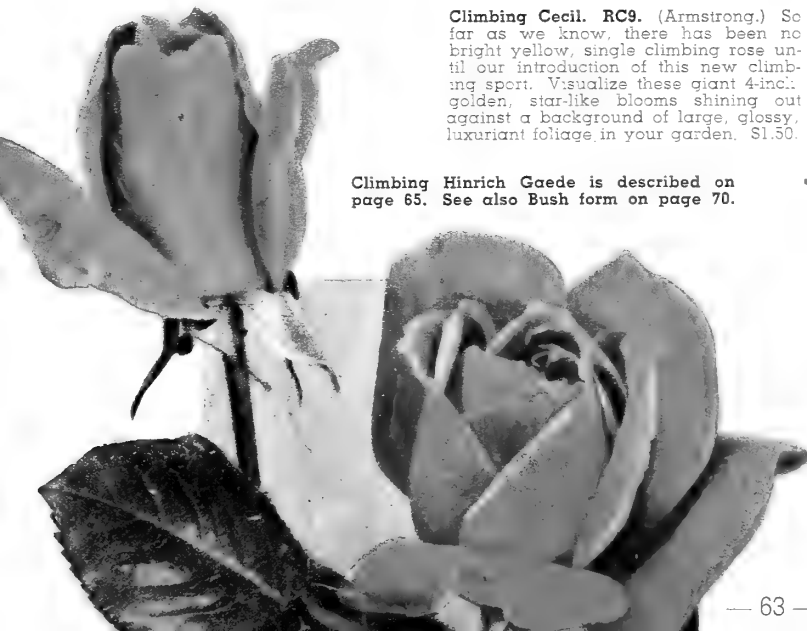
## Sunshiny Gold

**Sungold. RC39.** (Geo. C. Thomas, Jr.) You can have glorious golden sunshine in your garden throughout the spring blooming season and can take it right into your house, with this fine yellow climber, which produces great quantities of lovely, long, slender buds, golden yellow with a hint of lemon, produced on long stems for cutting. Opens up into full, double flowers, holding their shape and color well under all conditions. Glossy, mildew-resistant foliage. Hardy on East coast. \$1.50 ea.

## Golden Star Climber

**Climbing Cecil. RC9.** (Armstrong.) So far as we know, there has been no bright yellow, single climbing rose until our introduction of this new climbing sport. Visualize these giant 4-inch, golden, star-like blooms shining out against a background of large, glossy, luxuriant foliage in your garden. \$1.50.

Climbing Hinrich Gaede is described on page 65. See also Bush form on page 70.



## Climbing Texas Centennial

**Climbing Texas Centennial. RC27A.** (Weaver.) A big, vigorous grower, blooming profusely in the spring. The big, brick-red buds with their rosy red open flowers are even larger, more lovely and borne on longer stems than on the bush form. It's new and it's very, very good. Plant Pat. No. 565. \$1.50 each.\*

## An Orange for Coast to Coast

**Rose Anne. RC38.** (George C. Thomas, Jr.) A moderate grower, suitable for smaller spaces. The flowers are a beautiful soft orange-apricot and borne on 18-inch stems one of the finest Climbing Roses for cutting that has ever been grown, and it blooms not only in the spring, but at intervals throughout the summer as well. Splendid reports reach us on its behavior in the East, South, and on the Pacific Coast so it evidently is a coast-to-coast rose. Awarded Certificate of Merit by American Rose Society. \$1.00 each.

## Blooms All Summer

**Captain Thomas. RC5.** (George C. Thomas, Jr.) A magnificent climbing rose in every way. The flowers are single, medium size, creamy yellow in color, produced almost every week during spring, summer and fall—a most remarkable characteristic in a climber. Quite hardy, and in colder climates makes a 5 or 6 foot pillar, growing up to 8 feet in California. Even without the beautiful flowers, its handsome, glossy foliage is worthwhile as a lovely covering for fence or wall. It is practically mildew-proof, and in California is evergreen. Plant Pat. No. 393. \$1.00 each.\*

# Standard Climbers

See page 68 for reduced prices on 10 or more bush or climbing roses. Shipping costs are low on roses.

## Gigantic Pink Blooms

**Belle of Portugal. RC1.** There is no more vigorous grower among Roses than this variety and 10 or 12 foot canes the first season are to be expected so give it plenty of room. The amazingly beautiful salmon-pink buds are also gigantic in size, often 3 and 4 inches in length. Do not expect it to bloom the first year after planting because it is too busy growing, but thereafter be prepared to admire it, for it is a mass of bloom from January to May in California where it often starts to bloom in mid-winter. 85c each.

## Billy Boiler

**Billy Boiler. RC2.** We think that this variety has the most perfect blooms of any red climber. The robust plant sends up many canes to 12 feet, and at the tip of each side branch on great long stems for cutting are the immense flowers, absolutely perfect in every way, deep red, with blackish shadings, quite double, beautifully shaped and deliciously fragrant. The color does not fade in the hottest sun. 85c each.

**Banksia White. RC3.** A rampant old California climber, spreading all over the place festooned in the springtime with a profusion of little, button-like white flowers. Absolutely thornless. \$1.50 each.

## Climbing Countess Vandal

**Climbing Countess Vandal. RC11.** The bush form of Countess Vandal, with its long, pointed buds of coppery-bronze pink and gold, has been increasingly popular each year. The climbing sport produces the same beautiful buds in even greater profusion and fills two roles, that of a magnificent vigorous climber, covered with beautiful blooms for garden decoration, and as a reservoir of magnificent long-stemmed buds for cutting. \$1.00 each.

## For 50 Years a Favorite

**Climbing Cecile Brunner. RC10.** (Polyantha.) This famous Climbing Rose, with its great quantities of perfect little miniature pink buds and flowers has long been a favorite in California and will continue to be such. Exceedingly vigorous, with dense handsome foliage. You can cut a bouquet of beautiful little buds from it almost any time of the year, for it is almost a perpetual bloomer in mild climates. \$1.00 each.

Climbing Night is the deepest, darkest red in Climbing Roses. See also Bush variety on page 73.



The Lovely Orange Climber, Rose Anne (See Opposite Page)

## Climbing Dainty Bess

**Climbing Dainty Bess. RC12.** For years those rose lovers who admire so much the dainty, single, amber-pink flowers of Dainty Bess have been asking for this variety in a climbing form. It is available now and comes up to all expectations. If you like this variety in a bush, and almost everyone does, imagine having a large climbing plant of it covered with hundreds of blooms instead of a half a dozen. 85c each.

**Climbing Etoile de Hollande. RC13.** See description and illustration on next page. \$1.25 each.

**Climbing Golden Emblem. RC15.** It produces great quantities of the same highly colored buds of golden yellow with brilliant red shadings, which are so much admired on the bush form of Golden Emblem. Extremely vigorous, rampant grower, with polished, glossy foliage. \$1.00 each.

Climbing Rose, Reveil Dijonnais  
See page 66.



# Armstrong Climbing Roses

## Climbing Hinrich Gaede

**Climbing Hinrich Gaede. RC18.** The extraordinary brilliant orange-vermillion coloring of this striking Rose is now found in a climber, and what a climber! The color illustration on page 63 gives but a poor idea of the richness and beauty of the flowers on this free blooming Rose, which does not stop with the spring blooming period but continues to produce occasional magnificently colored blooms all through the summer and fall. Plant Pat. No. 244. \$1.50.\*

## Two Favorite Red Climbers

**Climbing Hadley. RC17.** This vigorous climbing sport will produce many times the number of beautiful flowers in a season that can be produced on the bush Hadley. The beautifully shaped, double, velvety red blooms, sweet with the good old Hadley fragrance, have for years been admired everywhere, and few kinds can beat them yet. 85c each.

**Climbing Hoosier Beauty. RC19.** Rich velvety scarlet buds and flowers, long-stemmed and fragrant, borne on a vigorous climber. Hoosier Beauty and Hadley have built up such a fine reputation as red bush Roses that we need only to mention these climbing counterparts to establish the fact that they will be particularly enjoyed in any garden. 85c each.

## Climbing Golden Dawn

**Climbing Golden Dawn. RC14.** The big, sunflower-yellow, fully double blooms of Golden Dawn are exceedingly popular in the bush form, and this vigorous climbing sport of that variety, which will produce quantities of the fine large blooms on a climbing plant, we think is the best climbing Rose in the lighter yellow shades. It blooms profusely in the spring and has a good many flowers thereafter right up to late fall. The foliage is plentiful and handsome, and it has just about everything that a yellow climbing Rose would be expected to have, including a splendid fragrance. Awarded Certificate of Merit, American Rose Society. Plant Pat. No. 243. \$1.50 each.\*

## The Best Red Climber

**Climbing Etoile de Hollande. RC13.** A good strong grower with plentiful foliage, it produces some of the finest big red buds and open flowers that we have ever seen on any Rose, and the blooms are larger and on longer stems than the bush Etoile de Hollande, possessing the same delicate fragrance. We rate it as the finest red climbing Rose that we grow. \$1.25 each.

## Best White Climber

**Climbing K. A. Victoria. RC20.** A grand white climbing Rose; large, deep and double; it is the strongest growing, free blooming and most satisfactory of the white climbers. 85c each.

**Climbing Los Angeles. RC20A.** The big full flowers of flame-pink, shaded gold and yellow, have long been popular in California both as a bush and as a climber. This vigorous climbing form produces the flowers on long stems, and lots of them. 85c each.

**Climbing Mrs. Erskine P. Thom. RC21.** Few will dispute the claim of Mrs. E. P. Thom to be one of the finest yellow bush Roses. The vigorous climber multiplies many times the number of flawless yellow buds which can be produced on a bush. See illustration in color on page 76. 85c each.

## Climbing Hoover

**Climbing President Herbert Hoover. RC25.** The famous President Hoover, with its multi-colored pink, red, yellow, and buff flowers, is vigorous enough as a bush, but as a climber it grows all over the place, producing its beautiful flowers in great profusion, each one on a long stem, every bloom perfect in color and symmetry. 85c.

**Climbing Mrs. Sam McGredy. RC22.** Popular coppery orange. See page 63. \$1.25 each.\*

**Climbing Night. RC23.** Darkest of all red climbers. See page 63. \$1.25 each.\*

**Climbing Rose Marie. RC26.** HT. The beautifully formed rose-pink flowers are borne in great profusion all during the spring, summer and fall, each flower larger than on the bush, and what a grower this one is, 8 or 10 foot canes in one season. 85c each.

## Climbing Talisman

**Climbing Talisman. RC27.** It is difficult to imagine anything more striking than a fence or trellis covered with the lovely red and gold flowers of the much admired Talisman. On a 4-year-old plant we counted 311 perfect, long-stemmed buds and flowers at one time. How's that for a marvelous garden show? 85c each.

**Climbing Texas Centennial. RC27A.** For the first time this popular rosy red variety with the lovely buds is available as a climber. See page 63. Plant Pat. No. 565. \$1.50 each.\*

## Shining Yellow

**Climbing Ville de Paris. RC28.** In the bright shining yellow shades this has been the best of the Climbing Roses. We introduced it several years ago for the first time, and it originated in our fields. The glossy, large, handsome foliage is not the least of its beauties, for it creates splendid background for the unfading brilliant yellow flowers. \$1.00 each.

## The Dainty Cherokees

We like to recommend the old single-flowered Cherokee Roses for California because they fit in so well with our colorful informal landscapes. The foliage is a bright shining green at all times during the year, and the delicately colored single flowers produced in great masses in the spring and to a lesser degree throughout the rest of the year are lovely indeed. They do best allowed to ramble over a wall or fence without pruning, and bloom over a surprisingly long period. We have **White Cherokee, RC8; Pink Cherokee, RC6; and Red Cherokee, RC7.** \$1.00 each..

## Beautiful Pink Buds

**Ednah Thomas. RC29.** Only Mme. Gregoire Staechelin will compete with this variety in its claim to the most beautifully formed buds among Climbing Roses. A magnificent deep clear pink color, which stays unfading to the last petal. A modest grower but the flowers are on long stems for cutting, and they appear not only in the spring but in summer. Mildly fragrant. 85c each.

**Gay Mood. RC30.** You'll capture it by planting this Rose. See page 63. \$1.00 each.

**Gold of Ophir. RC31.** Some of the finest old Rose plants in California are of this variety. A marvelously beautiful thing in the spring with its mass of old gold and apricot flowers which literally cover the plant. The older it gets the more lovely it becomes. \$1.00 each

## Brilliant Fadeless Pink

**Kitty Kininmouth. RC32.** The flowers of this beautiful Rose are supremely lovely. Very large, ruffled, semi-double blooms of brilliant fadeless pink, in unbelievable profusion. We rather think that it is our favorite pink climber because of its freedom of bloom and beautiful clear soft pink color. 85c each.

Climbing Golden Dawn

Etoile de Hollande. Everyone agrees that this is one of the three best red roses. You can get it as a climber, listed at right, or as a bush, see page 69.



# Are a Collection of the World's Best

## Mermaid

**Mermaid. RC34.** This magnificent Rose is indispensable in every garden where there is room for it. It can be grown as a climber on wall or fence, as a pillar Rose, or just as a big rambling bush, and in every case it makes a great mass of beautiful glossy evergreen foliage, just as handsome in winter as in summer. It blooms steadily throughout the season and produces quantities of exquisitely beautiful single flowers of great size, pale sulphury-yellow with a gold center. In gal. tins during summer months. 85c each.

**Marechal Neil. RC33.** Superb old lemon-yellow Noisette, with its large, globular, highly perfumed blooms still popular, although it was introduced in France in 1864. Exceedingly vigorous and profuse in bloom, especially fine in California and the Southern States. \$1 each.

## The Spanish Beauty

**Mme. Gregoire Staechelin. RC35.** For sheer exquisite beauty of color and form, this pink Rose from Spain is unexcelled. The plant makes a vigorous growth, producing an extraordinary abundance of good-sized delicate pink blooms, shaded carmine, which keep opening for several months in the spring. The buds are long-pointed and the wavy petals form a large, semi-double open flower which radiates a delightful fragrance. 85c each.

## Famous Paul's Scarlet

**Paul's Scarlet Climber. RC36.** The flowers are an intense vivid scarlet, semi-double, and are very freely produced in clusters of from 3 to 20 blooms on long much-branched canes, the plant being a mass of flaming color from top to bottom. The flowers do not fade but maintain their color until the petals fall. 85c each.

## Dawn in Dijon

**Reveil Dijonnais. RC37.** For sheer brilliancy of coloring this is probably one of the most outstanding climbers ever introduced. The blooms are a brilliant cerise-pink with a bright yellow center. The flowers are borne in great masses and each bloom is immense in size. One of the most spectacular of all climbers, so rich in coloring that you can hardly believe that the blooms are real. 85c each.

**Rose Anne. RC38.** Orange. See page 63. \$1.00 each.

**Sungold. RC39.** Yellow. See page 63. \$1.50 ea.

### GET THE LOWEST PRICES

See page 68 for quantity rates on roses. Ten assorted bush or climbing roses sold at reduced prices. Be sure to take advantage of these reductions. The best rose buy in our Catalog is the Armstrong Big Ten on page 76.

# Tiny Dwarf Roses

## Rosa Rouletti

**Rosa Rouletti. RM4.** Here is one of the most interesting little Rose plants in the world, for the plant, which grows easily either in a pot or in the open ground, seldom gets more than 6 or 8 inches high and produces almost continually great quantities of perfect little double flowers, deep pink in color, so small that 12 buds occupy but one-half of a walnut shell. The open flowers are three-quarters of an inch across. 4-in. pots, 85c each, 3 for \$2.25.

**Tom Thumb. RM5.** Pretty little deep crimson blooms on a miniature 6 to 8 inch plant. It blooms almost continuously from early spring to late fall. Plant Pat. No. 169. 4-inch pots, 85c each, 3 for \$2.25.\*

## Pixie

**Pixie. RM3.** A dainty miniature rose bush only a few inches high (8 to 9 inches), bearing the tiniest white rose buds in the world, fully double, perfectly formed, and so small that you can put a whole bouquet of them into a vase but one inch high. When fully open, the little flowers crowded with minute petals look like dainty white buttons. Both buds and open flowers often show delicate tints of pink, adding to their loveliness. The bushy little plants, which are easily grown anywhere in pots or in the garden, have tiny lace-like leaves and bloom almost continuously. Plant Pat. No. 408. 4-inch pots, 85c each, 3 for \$2.25.\*



Pixie, The Tiniest Rose

# Armstrong Tree Roses

Standard or Tree-shaped Roses are grown by budding the variety of Rose desired into a tall, straight stalk at a height of 36 inches from the ground, forming a bushy head at the top of this straight stalk. Many Rose varieties produce even more blooms when grown in this way than on an ordinary bush, and the individual flowers are frequently larger and more brilliantly colored. For lining walks, emphasizing corners, or planting in locations where height is desired, they are excellent. We believe Armstrong Tree Roses to be the finest produced in this country. Tree Roses are shipped without earth on the roots in the months of December, January and February.

Price: \$3.00 each, \$27.50 per 10 (after March 1 sold in 5-gal. tins at 50c per tree higher).

Shipping Weight: Bare root, 7 lbs. for first plant, 2 lbs. for each plant added; 5-gal. tins, 55 lbs. each.

## Tree Rose Varieties

**Charlotte Armstrong. RT1.** Long, blood red buds and brilliant cerise flowers.

**Countess Vandal. RT4.** Salmon-pink shaded copper and gold.

**Crimson Glory. RT5.** Velvety crimson shaded maroon; extremely fragrant flowers.

**Eclipse. RT6.** Long, slender, streamlined yellow buds in profusion.

**Etoile de Hollande. RT7.** Probably the best red; exceedingly fragrant.

**Fred Edmunds. RT7A.** Vivid glowing coppery orange—a sensational color.

**Golden Rapture. RT8.** Bright shining yellow.

**Hadley. RT10.** Long a popular red rose and still a good one. Old time fragrance.

**Heart's Desire. RT11.** Magnificent long red buds; amazingly fragrant.

**Hinrich Gaede. RT12.** Rich vermilion-orange.

**K. A. Victoria. RT14.** The old favorite white.

**Lowell Thomas. RT14A.** Enormous, large, long buds and flowers of deep golden yellow.

**Mary Margaret McBride. RT15.** A 1943 All-America rose. Deep coral-pink shaded gold at the base.

**McGredy's Ivory. RT16.** Long, fragrant, ivory buds and fine big open flowers.

**Miss Clipper. RT17.** Lovely salmon-pink buds and orange-pink flowers. The world's finest rose fragrance.

**Mme. Chiang Kai Shek. RT17A.** Great pointed buds and full flowers of primrose-yellow.

**Mme. Henri Guillot. RT18.** Raspberry-pink to watermelon-pink, magnificent foliage.

**Mrs. E. P. Thom. RT19.** Beautiful bright yellow buds, freely produced.

**Picture. RT21.** Sparkling, warm pink buds and open flowers in great profusion.

**President Hoover. RT22.** Big, multi-color buds of red, pink, buff on very long stems.

**Radiance. RT23.** Favorite silvery pink.

**Red Radiance. RT24.** Fragrant cherry-red.

**Talisman. RT25.** Lovely scarlet and gold buds.

**Texas Centennial. RT26.** Rose-red form of President Hoover; beautiful buds.

**Two-Color Combination No. 1. RT27.** Two varieties budded into the same head gives you a unique novelty. This one has **Talisman**, yellow and scarlet, and **Mary Hart**, velvety blood-red. \$3.50 each, \$32.50 per 10.

**Two-Color Combination No. 2. RT28.** An exceedingly vigorous and free-flowering head is obtained with **President Hoover**, pink, orange and buff, and **Texas Centennial**, rosy brick-red. \$3.50 each, \$32.50 per 10.

An Armstrong Tree Rose. A large head of luxuriant foliage and lovely blooms on a stout 36-inch stalk.



# Newer Armstrong Introductions

The new roses on this page have been created through hybridization by the Armstrong Research Department, one of the foremost projects of its kind in the world. The beautiful Charlotte Armstrong, recognized only three years after its introduction as one of the finest of all roses, is the outstanding Armstrong origination, but every other kind described below is a new and superior addition to modern roses. The AARS insignia indicates an All-America winner.

## Charlotte Armstrong

**Charlotte Armstrong. R11.** (Lammerts, introduced by Armstrong.) The finest rose grown or sold by the Armstrong Nurseries in our 52 years of rose growing! That's what we think of this amazingly beautiful new Rose, Charlotte Armstrong, which won the only All-America Rose Award in 1941, the year of its introduction, and since then has been awarded the famous John Cook Medal for "The Best New American Rose since 1935," the Fuerstenburg Prize for "The Best New Rose of American Origin," the Gold Medal of the City of Portland, Gold Medal of The American Rose Society and innumerable other awards.

But most important, thousands of pleased planters throughout the country are telling us and anybody who will listen how much they enjoy all those lovely long, streamlined buds and perfect open blooms of Charlotte Armstrong. It is a rose amazingly beautiful in all stages, from the long, slender, rich carmine buds through the magnificent, brilliantly colored spectrum-red flowers, to the still lovely full-blown blooms of rich cerise. These color terms mean very little—you have to see the flowers to visualize their amazing richness. The long-stemmed blooms are produced in great quantities throughout the season and are ideal for cutting, and, of course, everybody appreciates the strong, vigorous, free-branching growth which clothes the plants luxuriantly with handsome foliage. It is a pleasure to have a variety like this in the garden which grows prodigiously without coddling and never stops blooming throughout the whole season. And reports from cold climates indicate that it is hardier than most roses too. From Maine to California, it has been a great success. Plant Pat. No. 455. \$1.25 each.\*

## Times Square

**Times Square. R93A.** (Lammerts, introduced by Armstrong.) If you have ever seen New York City's busiest corner before the dim-out, with its kaleidoscopic, colorful bright lights, always changing but always brilliant, you know why this Rose was called Times Square. Its big ovoid bud and enormous, big-petalled flower come in prevailing shades of orange and apricot with dashes of brilliant yellow and rich red. Always redolent with heavy rose fragrance. Long heavy stems and big, glossy, polished leaves. The plant is large, tall and free-branching. \$1.00 each.

## The Chief Exceedingly Fragrant

**The Chief. R92.** (Lammerts, introduced by Armstrong.) This new rose has amazed observers with its gigantic, extremely long buds and the delightful form and rich color of its blooms. The color of the bud varies with the weather from deep rose to flame, opening to a magnificently full flower of flame, coral and copper, changing to a beautiful shade of orange-pink as the flowers age. The blooms are borne singly on exceedingly long stems, with plenty of thick, heavy, lasting petals, and best of all, they have a rich fruity fragrance which few Roses can equal. A spreading vigorous plant, remarkably resistant to mildew. A 1940 All-America Rose Selection. Awarded Silver Medal, Portland Rose Test Gardens. Plant Pat. No. 456. \$1.00 each.\*

## Boutonniere

**Boutonniere. R6.** (Lammerts, introduced by Armstrong.) If you want to be able to go into the garden at almost any time and cut a perfect little bud for your buttonhole or a half dozen for a small vase or corsage, you'll want this new variety. The perfectly shaped, solid, little, orange-apricot buds are full and long lasting and borne in exceeding profusion. The buds open to a rich deep salmon-peach and are pleasantly fragrant. The plant is low and bushy, heavily clothed with glossy foliage which is almost mildew-proof. Plant Pat. No. 454. \$1.00 each.\*

## Little Copper Gems for the Garden

**Copper Nugget. R16.** (Lammerts, introduced by Armstrong.) Just close your eyes and picture to yourself a handsome little rounded mound of glossy foliage about 15 inches high, studded all through the growing season with dainty little miniature buds and small, very double, open flowers, both a rich coppery orange-salmon in color. It is a semi-dwarf plant in keeping with the size of the flower, and it blooms all the time. \$1.00 each.

## Sweet Sixteen

**Sweet Sixteen. R89A.** (Lammerts, introduced by Armstrong.) This new Armstrong Rose for 1944 will give you from early spring until late fall a succession of long, slender buds in delicate shades of light pink with tints of rose, and a dash of gold at the base of each petal. The long tight buds, half unrolled blooms and the large-petalled flowers are magnificent in their perfection of form. They have that soft rose-petal complexion and soft rich daintiness of color that go with sparkling youth and beauty, and they have a sweet fragrance which makes them delightful cut flowers. It is especially fine in coastal or cool weather regions. You'll be cutting its beautiful buds ahead of most other roses in your garden. Plant Pat. applied for. \$1.50 each.\*

## The Finest Rose Perfume

**Miss Clipper. R59.** (Lammerts, introduced by Armstrong.) How would you like to have the world's richest, most "rose-like" rose fragrance in your garden? Miss Clipper will provide it for you—and that's not just our opinion. Scientific tests by one of the country's largest chemical companies, conducted in the summer of 1941 in order to find the rose that would produce the finest essential oil for rose perfume, showed conclusively that Miss Clipper has the finest rose fragrance. The long, slender buds and lovely cupped flowers of pale salmon-pink shaded orange and yellow, are good for the eyes, and that intoxicating fragrance is good for the lungs. See color illustration on page 72. Plant Pat. No. 522. \$1.25 each.\*

## Sierra Glow

**Sierra Glow. R84.** (Lammerts, introduced by Armstrong.) The long flaring buds open out into many-petalled, high-centered flowers, lovely at every stage, which last well on the plant and when cut. If you have ever seen that indescribable summer afterglow on the snowy peaks of the High Sierras, you will know where we secured the name for this rose. In the center of the bloom and at the base of the petals is a most unusual tan shade never seen before in roses, while the outer petals are a beautiful silvery sun-bathed pink. Richly scented with the good old attar of roses perfume with a hint of spice added. The plant is spreading, vigorous and highly disease-resistant. Plant Pat. No. 521. \$1.25 each.\*

## Hail to the Chief

**The Chief. R92.** (Lammerts, introduced by Armstrong.) This new rose has amazed observers with its gigantic, extremely long buds and the delightful form and rich color of its blooms. The color of the bud varies with the weather from deep rose to flame, opening to a magnificently full flower of flame, coral and copper, changing to a beautiful shade of orange-pink as the flowers age. The blooms are borne singly on exceedingly long stems, with plenty of thick, heavy, lasting petals, and best of all, they have a rich fruity fragrance which few Roses can equal. A spreading vigorous plant, remarkably resistant to mildew. A 1940 All-America Rose Selection. Awarded Silver Medal, Portland Rose Test Gardens. Plant Pat. No. 456. \$1.00 each.\*

## Boutonniere

**Boutonniere. R6.** (Lammerts, introduced by Armstrong.) If you want to be able to go into the garden at almost any time and cut a perfect little bud for your buttonhole or a half dozen for a small vase or corsage, you'll want this new variety. The perfectly shaped, solid, little, orange-apricot buds are full and long lasting and borne in exceeding profusion. The buds open to a rich deep salmon-peach and are pleasantly fragrant. The plant is low and bushy, heavily clothed with glossy foliage which is almost mildew-proof. Plant Pat. No. 454. \$1.00 each.\*

## Little Copper Gems for the Garden

**Copper Nugget. R16.** (Lammerts, introduced by Armstrong.) Just close your eyes and picture to yourself a handsome little rounded mound of glossy foliage about 15 inches high, studded all through the growing season with dainty little miniature buds and small, very double, open flowers, both a rich coppery orange-salmon in color. It is a semi-dwarf plant in keeping with the size of the flower, and it blooms all the time. \$1.00 each.

Charlotte Armstrong  
(Above)

# Important Rose Facts

We try to make Armstrong Rose bushes the finest that can be grown. That we have succeeded seems to be shown by the fact that our Rose plants have pleased thousands of planters in the United States during the past 50 years. Armstrong Roses thrive anywhere in this country from California to Maine and from Oregon and Washington to Florida.

**Ready to bloom.** All of our rose bushes are ready to burst into bloom within a few weeks after planting. They are well-rooted and well-branched. Most Armstrong Roses are budded on Ragged Robin (*Glorie des Rosamanes*) root, which we have found to be the best for most climatic and soil conditions.

**Pruned ready to plant.** Our rose plants are cut back to 12 inches before we send them to you. In most cases it is not necessary to do any further pruning when planting. Follow the planting instructions which accompany the plants, carefully.

**Shipping Time.** Dormant, bare-rooted Armstrong Rose Plants are available for shipments from December 15 to May 1 and are shipped anywhere safely and cheaply during this period. During the rest of the year most kinds are available as blooming plants in 5-gal. tins (wt. 45 lbs. each). These are easily delivered to Southern California points but are rather heavy and expensive to ship to more distant areas.

## Planting Calendar

A black square under any month means that plants are available during that month.

Month	J	F	M	A	M	J	J	A	S	O	N	D
Bare Root												
5-gal. tin												



Boutonniere



Sierra Glow

## Quantity Rates

The each rate applies unless your order totals 10 or more Bush or Climbing Roses. For 10 or more, reduced rates are given below and apply on any assortment except as noted below.

Less Than 10	10 or More
Each	Each
\$2.00	\$1.75
1.50	1.25
1.25	1.10
1.00	.90
.85	.75
.75	.65

**Note:** The varieties marked with a \* after the price are sold in quantities of 3 or more of one kind at the 10-rate. At least 3 of such varieties must be included in any order to get the 10-rate on those particular kinds.

## Shipping Costs & Weights

The transportation charges on rose bushes or any other plant material are based on the table on page 41. Dormant, bare root rose plants weigh 2 lbs. for the first plant and 1/2 lb. for each additional plant. 12 or less roses are usually shipped by mail, so be sure to include postage based on the table on page 41, with this size order. More than 12 roses will usually be shipped by express and shipping charges will be collected by the express company at destination. We use our judgment as to method of shipment and refund any amount sent us for postage which is not used.

## Summer Price Change

The prices quoted in this Catalog are for bare root dormant plants sold from December 15 to May 1, 1944. Plants in 5-gal. tins sold during the summer and fall months are usually priced higher because of the added costs of handling.

Mme. Chiang Kai-Shek, top All-America Winner for 1944

## All-America Rose Offer

**AARS** Each year most of the finest new rose varieties not yet on the market are entered for official test and competition in sixteen official All-America trial and demonstration gardens scattered from New England to California and from Iowa to the Gulf of Mexico. Fourteen of the ablest rose judges in America score these varieties on a uniform point basis, and at the end of a two-year period the scores are averaged and the top-scoring roses are then named as All-America Roses. They are the best of each year's new varieties. You'll find the 1944 winners described on page 71. From the leading All-America Winners of the past four years, we have made up a special All-America Collection which includes the top winner for each year. Plant this group and you'll enjoy the elite of the modern rose world.

**Mme. Chiang Kai-Shek. R50A.** (1944 All-America.) Giant, perfectly formed buds of delightful primrose-yellow, opening to a great full flower of creamy yellow. Spicy lemon scent. \$2.00 each.\*

**Mary Margaret McBride. R54.** (1943 All-America.) Clear deep coral-pink suffused with rich gold at the base. \$1.50 each.\*

**Grande Duchesse Charlotte. R38.** (1943 All-America.) A new shade of red in roses, rich claret or brick-red, changing to a begonia-rose. \$1.50.\*

**Heart's Desire. R40.** (1942 All-America.) Magnificent, long, streamlined buds of bright luminous red; superbly fragrant. \$1.50 each.\*

**Charlotte Armstrong. R11.** (1941 All-America Winner.) The finest of all All-America Roses in our opinion. Long, slender, carmine buds and brilliant open flowers of spectrum-red and cerise. \$1.25 each.\*

**Special All-America Rose Offer, one each of the above five All-America Roses (regular single rate value \$7.75) for \$6.60. Ask for Collection No. 112. Add 17 cents sales tax on California shipments. See page 41 for postage charges (wt. 4 lbs.).**





Crimson Glory, the finest dark red.

# Armstrong Bush Roses

## The Best Standard Kinds From Everywhere

There are thousands of rose varieties, but we try to grow only the very best of both the new and the old kinds. Every rose that we list is a good one so it's just a question of your choosing the color and type that you like best. New Armstrong introductions are described on page 67 and other new varieties are described on page 71.

## The Best White

**Alice Stern. R1.** The perfection of form in bud and open flower and its large size, combined with the splendid, upright, strong growing plant, rates this one as the best white Rose. In cool weather there is an ivory tone at the base of the buds, as well as an exquisite hint of pink at the tip. The open flower is white at all times. \$1.00 each.

**American Beauty. R2.** An old-time Spring blooming Hybrid Perpetual with large full blooms of rosy-carmine. Fine in Arizona, but of no value on the coast. Rich damask perfume. 85c each.

**Apricot Queen. R3.** Take the richest colors from a perfect tree-ripened California apricot, instill them into one of the most beautifully formed rose buds that you have ever seen and you get some idea of the beauty of this charming Rose. The general color effect is rich deep salmon-apricot, with lovely tints of orange-yellow at the base of the petals. The magnificent buds are delightfully fragrant. 1940 All-America. Plant Pat. No. 464. \$1.25 each.\*

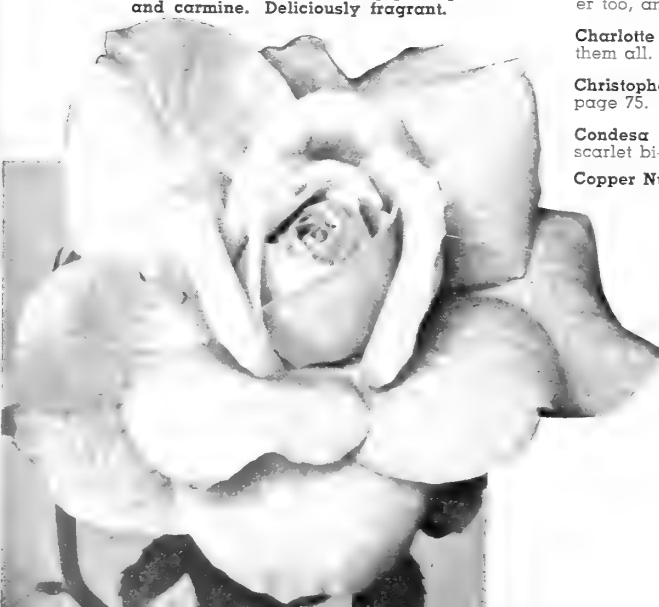
**Austrian Copper. R4.** Becomes a spreading bush 4 or 5 feet high, covered in spring with brilliant 2-inch copper-scarlet blooms, startling and vivid. Do not prune. \$1.25 each.

## Autumn Colors

**Autumn. R5.** The full handsome buds are a superb shade of burnt-orange, and the opening flowers are heavily suffused with russet-brown and bronzy red all over-laid on a background of rich yellow in a color combination reminiscent of the most glorious autumnal foliage. It would be difficult to exaggerate the colors. Deliciously fragrant. 75c each.

**Boutonnere. R6.** For lapel and corsage. See page 67. \$1.00 each.\*

Girona has pastel colors of dainty pink, yellow and carmine. Deliciously fragrant.



## The Finest Dark Red

**Crimson Glory. R18.** We rate this comparatively new variety as the Number One Dark Red Rose. It has about everything that a good Rose needs, starting with beautiful flaring urn-shaped buds which always open into a magnificent vivid flower of velvety crimson with black and maroon shadings. The glowing deep scarlet color has a velvety sheen that catches either sunlight or artificial light and glows like a red hot coal. The blooms have a pleasant rich fragrance. The plant is vigorous and well foliaged, low and spreading rather than upright. U. S. Plant Pat. No. 105. \$1.00 each.\*

**Caledonia. R7.** The purest white among Hybrid Tea Roses. The beautifully shaped, long, snowy white buds are exquisite and their fragrance is delicious. In certain weathers the buds "ball" and do not always open up properly, but it produces its blooms so profusely and they are so very fine most of the time that we can forgive it those few lapses. 75c each.

## Giant Orange Buds

**California. R8.** You will be thrilled with the unusual orange color found in the large buds of this Rose. The flowers have about seventeen of the enormous petals, the buds are large, long and lovely, and the color, particularly in cool weather, is beautiful in its ruddy orange shades toned with saffron-yellow. A strong grower. Delicately scented. At its best in coastal or cooler sections. 1940 All-America. Plant Pat. No. 449. \$1.50 each.\*

**Cecil. R9.** Big, 4-inch, star-shaped, golden yellow flowers borne freely on a low-branched, bushy plant, with handsome glossy foliage, blooming from early to late. See new climbing sport of this variety on page 63. \$1.00 each.

## Cecile Brunner

**Cecile Brunner. R10.** The miniature flowers of this favorite old Baby Rose, rose pink shaded salmon, fill a niche which no other Rose can occupy. A strong grower too, and always in bloom. 85c each.

**Charlotte Armstrong. R11.** Finest Rose of them all. See page 68. \$1.25 each.\*

**Christopher Stone. R12.** Bright red. See page 75. 85c each.

**Condesa de Sastago. R14.** Yellow and scarlet bi-color. See page 75. 75c each.

**Copper Nugget. R16.** See page 67. \$1.00 ea.

## Contrast

**Contrast. R15.** A brilliant combination of colors catches the eye at once in this exquisite bi-colored rose. The upper face of the petals is a glowing orange-rose or china-pink in some weathers, while the under side is a light straw color shaded with bronze. Semi-double, beautifully shaped in the bud, borne on long stems, it is a splendid rose for cutting, and you will find the bush to be one of the largest and most vigorous plants in your garden. Fragrance slight but pleasant. \$1.00 each.

## Countess Vandal

**Countess Vandal. R17.** Countess Vandal has established itself as one of the very finest pink Roses. Its long tapering buds of salmon-pink, richly shaded with copper and gold tones, are richly perfumed, and the Countess produces continuously many of these beautifully formed, long-stemmed, lovely blooms. It is exceptionally fine for cutting because long-stemmed buds are nearly always available and they keep exceptionally well after cutting. Buds and open flowers are always perfect no matter what the weather. Plant Pat. No. 38. \$1.00 each.\*

## Two Beautiful Singles

**Collette Clement. R13.** The enormous, single, large-petalled, richly colored flowers are a beautiful rich salmon-flame (deep coral-pink in very hot weather), with an intensely yellow center. Exceedingly vigorous growth, large foliage, and spicy fragrance, lead us to recommend it highly. \$1.00 each.

**Dainty Bess. R20.** The delicate charm and elusive loveliness of this dainty single Rose have made it the most popular single rose grown. The five-petalled flowers are borne in clusters of three or more, each flower three inches across, delicate pink in color, with a brownish-red overcast and contrasting center of wine-red stamens. The flowers are very lasting when cut, and the bush is strong and tall, blooming continuously. 85c each.

**Dainty. R19.** (Polyantha.) Has large heads of small, semi-double, salmon-pink blooms, a bright and cheerful color. Plant low and bushy, covered with big 6 to 8 inch flower heads almost continually. A beautiful low 15-inch border, and lovely for cutting too. 75c each.

**Dame Edith Helen. R21.** Still remains popular. Big, full, double flowers of glowing clear rose pink, produced on a tall, upright, long-stemmed bush. Its immense size, lovely clear color and delightful fragrance, combined with its unusual lasting qualities when cut, make it hard to displace. 75c each.

## A Sun-Tanned Beauty

**Duquesa de Penaranda. R23.** A most intriguing color of orange-apricot, with deeper coppery tones, the huge, pointed buds being quite double, sweetly perfumed and long lasting. A tall, strong grower with beautiful light green shiny foliage. One of the first varieties to bloom in the spring. A dependable garden performer in almost any area. 85c each.

**Don Rose. R21A.** A beautiful new coppery pink. See page 71. \$1.25 each.\*

**Eclipse. R24.** Long, streamlined yellow buds. See page 72. \$1.25 each.\*

**E. G. Hill. R26.** One of the outstanding reds. See page 75. 75c each.

## A Glorious Red

**Etoile de Hollande. R28.** This magnificent red Rose is ranked among the first three of its color by everyone who knows Roses, and many will place it first. The perfect buds are of medium size, opening beautifully and cleanly into glorious great flowers with incomparable fragrance, holding its brilliant color to the end. The bush is strong, free branching, and healthy. A Rose that actually has no serious fault. See illustration and description of climbing sport also on page 65. Since it is one of the most outstanding red roses we, of course, include it in the "Armstrong Big Ten" listed on page 76. 85c each.

**Fantastique. R28A.** A new type rose, daintily colored yellow and pink. See page 71. \$1.50 each.\*



# Are Garden Favorites

## Girona

**Girona. R31.** A comparatively new rose which has had no great publicity, but we think so highly of it that we have placed it in our "Big 10" Collection in place of the old-timer President Hoover. It really takes a good rose to shove Hoover aside. The full, double flowers are magnificently formed and are beautifully colored in various tones of pink, carmine and yellow. You'll find it one of the most fragrant roses you've ever dipped your nose into, and it produces long-stemmed flowers very freely on a tall, strong, beautifully foliaged plant. Splendid for cutting because they keep so well. \$1.00 each.

**Frau Karl Druschki. R30.** (Hybrid Perpetual.) Pure white, with immense long buds and very double flowers, wax-like in texture. Hardy everywhere, with long upright growth up to 6 feet. Put it where it has plenty of room to grow because it will greatly exceed most Rose bushes in size. 75c each.

**Fiesta. R29.** The only real striped rose, vermilion and yellow. See page 72. \$1.50 each.\*

**Fred Edmunds. R30A.** Vivid glowing coppery orange. See illustration and description on next page. \$2.00 each.\*

## Golden Dawn

**Golden Dawn. R35.** The large, oval buds are rich sunflower-yellow, heavily diffused with cerise before opening and developing into high-centered, fully double flowers of light lemon-yellow, with the original old Tea Rose scent. The luxuriantly foliaged, much-branched, strong growing plant is not the least of its fine qualities. 75c each.

**Golden Emblem. R36.** The lovely long buds of golden yellow are beautifully tinted with crimson on the outer petals, offering a delightful contrast at all times. The glossy green foliage is particularly fine and the buds are borne on long, stiff stems. For 20 years Golden Emblem has held its popularity undimmed in California. \$1.00 each.

**Golden Rapture. R37.** Shining rich yellow. See illustration and description page 75. 85c each.

**Gloria Mundi. R33.** Little double flowers, like baby pompon chrysanthemums—brilliant, luminous, orange-scarlet—borne in great clusters which cover the 2-foot plant. 75c each.

**Glowing Sunset. R34.** A large, robust Rose in every way, with big, fully double, high-centered flowers, excellently formed, borne on a strong, vigorous bush, with large, heavy, glossy foliage. Only the colorings are delicate, but lovely, a soft shade of orange with shadings of pink and apricot-yellow. Plenty of the real old sweet Tea fragrance. Plant Pat. No. 104. \$1.00 ea.\*

**Grande Duchesse Charlotte. R38.** See next page. \$1.50 each.\*

**Hadley. R39.** Everybody knows this old favorite, which, with its brilliant rich crimson color, vigorous growth, long stems, full blooms and rich fragrance, is close to the top in red Roses. It suffices to say that if you like red Roses you must not be without Hadley. 75c ea.

**Heart's Desire. R40.** See next page. \$1.50 each.\*

## Brilliant Gaede

**Hinrich Gaede. R41.** We can tell you that the general color effect in this flower is orange-scarlet, copper-orange, or luminous vermilion, but no matter how much we juggle the color adjectives, you could not possibly get an idea of the magnificence of its bloom. It has a rich honey-sweet fragrance, and the quite double flowers are borne on long stems on a vigorous strong bush with excellent foliage. See illustration in color on page 63. 85c each.

## Velvety Red

**Hoosier Beauty. R41A.** An intense rich dazzling scarlet with darker shadings, and acknowledged to be one of the best and most highly colored red Roses. The beautifully formed flowers have a texture like velvet and possess a delicious fragrance. The plants are never without flowers in the blooming season. 75c ea.

## Surpassing Fragrance

**Imperial Potentate. R43.** A clear shining rose-pink. Exceptional form and lasting qualities have made this variety one of the finest and best liked pink Roses. It is possibly the most highly perfumed Rose grown. When you bury your nose in a bloom of Imperial Potentate you are amazed at the concentrated sweetness that one bloom can possess. 85c each.

**Irish Fireflame. R45.** Buds wonderfully rich in coloring, deep rich orange splashed with crimson, opening to a large, single flower of satiny old gold. The tall, willowy plant produces them in great profusion, and it is most useful for cutting because the dainty flowers are lovely on the table. 85c each.

## Joanna from Indiana

**Joanna Hill. R46.** A slender, daintily colored, orange-yellow bud, which is extremely fragrant, and the colors, while not brilliant, are dainty and lovely. There is no finer Rose of its color for cutting, because the buds keep a long time and are borne on long, upright stems. 75c each.

**Jonkheer Mr. G. Sandberg. R47.** Yellow. See page 75. \$1.00 each.

**Katheleen Kennedy. R48A.** Fragrant new light pink. See page 71. \$1.50 ea.

**Katherine T. Marshall. R48B.** Handsome new glowing pink. See page 72. \$2.00 each.\*

## Splendid for Cutting

**Korovo. R49.** We continue to be enthusiastic about the beauty of this lovely pink Rose, the color being more accurately described as old rose with peach blossom shadings. The full buds are beautifully formed, extremely fragrant, and the plants are so strong and prolific that when we go into the fields to cut a few particularly choice buds we find ourselves coming back many times with a lovely bouquet of glowing pink Korovo. 85c each.

## A Favorite White

**K. A. Victoria. R48.** Pure ivory white, producing quantities of beautiful buds and full flowers. Long considered one of the best white Roses for California because it blooms so freely and continuously, no matter what the weather. If this were a new Rose, we would be writing a 2-inch description of it, but since it is more than 40 years old, we'll just tell you that you'll find it mighty hard to beat anywhere as a white Rose. 75c each.

**Los Angeles. R50.** A California product, and in color emblematical of the Golden West, it has gained international recognition as one of the finest roses ever produced. The color is a glorious rich flame-pink, shaded gold and yellow. A very large, strong-growing, free-blooming bush, so give it plenty of room. 75c each.

**Lowell Thomas. R50A.** Glorious new All-America yellow. See next page. \$2.00 each.\*



Autumn has gorgeous shades of yellow, bronze and red.

## Lovely Little Lulu

**Lulu. R51.** This dainty little Rose has always been a great favorite with us and with our friends because of the great quantities of dainty, long, slender buds of coral-apricot with which the bush is covered at all times. There is not a Rose more exquisitely formed in the bud stage than Lulu, and an astonishingly large number of Rose lovers will put Lulu at the very top of their list of roses. Plant low and bushy but very vigorous. 85c each.

## A Red Talisman

**Mary Hart. R53.** This striking red sport of Talisman has the same handsome form of the Talisman buds but is maroon-red, opening to open blossoms of velvety blood-red with an overflow of amber. The color varies considerably with weather conditions and is at its best in cool weather. Exquisitely fragrant; growth medium, upright. Plant Pat. No. 8. 85c each.\*

## Perfection in Ivory

**McGredy's Ivory. R55.** The flowers are creamy ivory-white, which turns to a clear white as it opens with occasionally a faint pink flush in the center in cool weather. The buds are just about as perfect as Roses can be, and the flowers possess a delicate damask perfume. The purity, grace and beauty of a lovely bud of this variety just about takes your breath away. 85c each.

Countess Vandal, the perfect cutting rose.





Heart's Desire, most fragrant of red roses.

**Odine. R69B.** (Ketten.) We picked some of the most beautiful, long-pointed, snowy white buds from this new rose last summer, that can be imagined. Perfect white rose buds are scarce, and this one has no lemon or ivory to mar its immaculate whiteness. A good grower, too. \$2.00 each.

Fred Edmunds, the best orange-colored rose.



# The Best of the New

The five rose varieties below, designated with the AARS insignia, are the 1944 All-America Rose winners, so honored by twelve capable rose judges after two years trial in the twelve official trial gardens throughout the country, of All-America Rose Selections, an organization formed for the specific purpose of picking the best new roses of each year.

## 1944's Best

**Mme. Chiang Kai-Shek. R60A.** (Howard & Smith)

Named in honor of the gracious First Lady of China, it stands right at the top of the new roses of the year. The giant, perfectly formed, long buds of soft primrose-yellow open to great, many-petalled spiral flowers of creamy ivory. Every lovely bloom is borne on a long straight stem. The bushes are tall, slender and strong and in our rose fields last summer they stood out in height above everything else. The flowers have a spicy lemon scent. See the color illustration on page 68. Plant Pat. applied for. \$2.00 each.\*

## Lowell Thomas

**Lowell Thomas. R50A.** (Mallerin) The more we see of this splendid new yellow rose the better we like to recommend it. Its long, tightly furled buds are a rich golden yellow, deep and glowing, opening slowly into a large flower of a uniform lighter yellow shade. It has a large and robust plant which keeps throwing out new flower stems incessantly. Every bloom is borne on a heavy stout stem. Visitors gravitated to this variety all summer long in our fields. A very mild fragrance. Plant Pat. No. 595. \$2.00 each.\*

## Mme. Marie Curie

**Mme. Marie Curie. R63A.** (Gaujard) This fine new yellow rose is named after the famous co-discoverer of radium. The flower is quite double, daffodil-yellow, deeper in the center and paling at the edges of the petals, of medium size. The bush makes a 3-foot plant quickly and is very free with its sweetly fragrant bloom, producing great quantities of them all through the season on rather short stems. Plant Pat. applied for. \$1.50 each.\*

**Katherine T. Marshall. R48B.** (Boerner) A lovely bloom of warm, glowing, clear pink, with no other shadings. Only a few petals, but all big, heavy textured ones, forming a magnificent bud and half-open bloom, with a rich fruity fragrance. It has the most luxuriant, biggest, and most handsome foliage of any of the new roses, and the plants are tall, strong and robust, with long, straight stems. Named after the wife of Gen. George C. Marshall of the U. S. Army. Plant Pat. applied for. \$2.00 each.\*

**Grande Duchesse Charlotte** (at right) has a shade of red new to roses.

## Fred Edmunds

**Fred Edmunds. R30A.** (Meiland) This new orange-colored rose won an All-America Regional Award for the Pacific Coast, and that's good enough for us. It's the best orange-colored rose yet, in our opinion, with a color so rich it will startle you when you see it. It is exceedingly vivid in the bud, slowly changing to a softer apricot-orange shade in the older blooms. Probably at its best in the cooler sections. The plants have been exceedingly vigorous with us, with glistening, glossy, large foliage, and the flowers have a delicious fruity fragrance. Named in honor of the Curator of the International Rose Test Gardens at Portland, Oregon. Prop. Rights Reserved. \$2.00 each.\*

## Fantastique

**Fantastique. R28A.** (Meiland) You've never seen anything like this rose before. Medium sized, very double flowers, opening up like a camellia, every petal a beautiful light yellow, edged and feathered with carmine-red. A low, bushy, beautifully foliated plant which throws out its novel, amazingly colored blooms in great profusion. Plant Pat. No. 574. \$1.50 each.\*

**Numa Fay. R69A.** (Richard) Looks like one of the best light pink roses of recent years. The flower is very large, very full, quite fragrant, beautifully formed and long lasting. The color is a soft orange-salmon, lightening to pale pink. We like it particularly because of its big vigorous bush, and its large, abundant foliage which covers the plant from the ground right up to the long-stemmed flowers. Those are good characteristics for any rose to have. \$1.50 each.

**Don Rose. R21A.** (Mallerin) Long tapered buds of rich coppery salmon-pink, borne on a somewhat spreading plant, opening to a large full flower of the same color. The plant blooms freely all season, producing large quantities of beautiful buds for cutting. Prop. Rights Reserved. \$1.25 each.\*

**Kathleen Kennedy. R48A.** (Dickson) Has just the satiny fresh pink complexion that you would expect a lovely Irish lass to have, and sure, she's just over from the "Old Sod." The flowers are large, many-petalled and nicely formed. The fragrance is too rich to be Irish it must be French. \$1.50 each.



# Roses for 1943-44

## Grande Duchesse

**Grande Duchesse Charlotte. R38.** (Ketten) The interesting buds are a rich claret color (you may call it brick-red), which changes as the flowers age to a lovely begonia-rose. The flowers are not perfect in form, but they are always beautiful because of that rich color, never seen in roses before. The plant is big, strong and free-branching. To us the fragrance is like that of ripe fruit. A 1943 All-America Rose. Plant Pat. Pending. \$1.50 each.\*

## Heart's Desire

**Heart's Desire. R40.** (Howard & Smith) The 1942 All-America winner. Its long, pointed buds of pure bright luminous red, without other shadings, are magnificent to behold. They are always borne on long stems, and keep longer than almost any other rose in our fields after they are cut. But the most outstanding feature of the rose is its powerfully sweet and superb fragrance. A few blooms will perfume an entire room. True, it will occasionally display a weak neck and in certain seasons a few globular flowers, but we think these faults are far outweighed by its good points. The plants are tall, vigorous and free-branching. Plant Pat. No. 501. \$1.50 each.\*

**Sweet Sixteen. R89A.** A new Armstrong rose for 1944. (See page 67.) Lovely slender buds, delicate pink colors; fine for cutting. \$1.50 each.\*

## Mary Margaret

**Mary Margaret McBride. R54.** (Nicolas) The top ranking All-America Rose for last year—1943. Lovely, long, flaring buds and many-petalled flowers in a rich yet delicate coral-pink color with a shimmering golden color at the base of the petals. It has a satisfying fragrance. You'll find that the plant starts going places right away, as soon as you get it in the ground, becoming tall and rather slender, the canes beautifully foliated with big, broad, leathery leaves. Plant Pat. No. 537. \$1.50 ea.\*

**Pinocchio. R74.** (Kordes) Great clusters of beautiful little blooms in the brightest, cheeriest, daintiest shades of salmon, flushed with gold, that you can imagine, and every little bud in the cluster is a perfect garden rose in miniature. Lovely in the garden, perfect for cutting. Blooms all season, 20 to 24 inches tall. Plant Pat. No. 484. \$1.25 each.\*

Lowell Thomas, the new All-America Yellow.

## A Sorrel Rose

**Pilar Landecho. R72A.** (Camprubi) You've heard of a sorrel horse, but have you ever heard of a sorrel rose? Here is one—not a solid color but shading from bronze to red to yellowish-brown with intermediate tones. You really have to see it to visualize it. A big, tall, strong plant with big, full, cup-shaped blooms on long, straight stems. \$1.50 each.

## Sunlit

**Sunlit. R89.** (Alister Clark) One of the prettiest little roses you'll ever see, about half the size of the usual Rose, and perfect in every detail. Both buds and open flower are exquisite in form, high-centered, fully double. You'll find yourself putting a few buds in a little vase on your table or mantelpiece every day. The color is apricot-pink, quite intense in the bud, paling to a lighter shade in the open flower, but always lovely. A beautiful little compact plant, handsomely foliated, and practically thornless. \$1.50 each.

## For Your Bud Vase

**Eclipse. R24.** The outstanding characteristic of this splendid rose (it's not particularly new), is the exceptionally long stream-lined bud of pale yellow, often more than 2 inches long. The open blooms are somewhat uninteresting, but when you can go out almost any morning and pick a bouquet of these exquisitely beautiful, long slender buds, each one on a long stem, it is difficult to resist. The big, tall, strong bush keeps the mildly fragrant buds coming along continuously. Plant Pat. No. 172. \$1.25 each.\*

## Spanish Fiesta Colors

**Fiesta. R29.** Dazzling is the only word that describes this remarkable variegated Rose. The color scheme consists of stripes and flecks of bright yellow on a background of rich vermillion. The flowers nestle in dark green, glossy foliage of large size and make a great show on the plant, as well as providing most unusual cut flowers. A modest grower, requiring a little extra water and fertilizer to secure the finest blooms. Slightly fragrant. You and your friends will exclaim over this bizarre yet daintily colored Rose when it blooms in your garden. Plant Pat. No. 389. \$1.50.\*



Fiesta makes a dazzling, two-toned display.



The "Streamlined Rose," Eclipse

The Fragrant Rose, Miss Clipper (below)  
See page 67





**Talisman.** Favorite cut flower in scarlet and gold, every perfect bud full of exquisite fragrance.

## Sunset Colors

**McGredy's Sunset.** R57. Sunset colors are much in evidence in this beautiful, high-centered flower, with its rich shade of yellow underlaid with deep chrome-yellow, the outer petals lightly brushed with apricot. Exceedingly fragrant and exquisite in color though somewhat lacking in form and substance, the flowers are produced in such large quantities that you can forgive its shortcomings. Plant Pat. No. 317. \$1.25 each.\*

**Miss Clipper.** R59. The new rose with the finest rose perfume. See page 72. \$1.25 each.\*

## Evergreen Shrub Rose

**Mrs. Dudley Fulton.** R64. The bush is covered during the spring, summer and fall with good-sized, single, silvery-white flowers which make the plant look like a small snow-storm. One of the most remarkable things about this Rose is the splendid evergreen foliage, which is always glossy as if varnished, and in California the foliage is often just as attractive in the middle of winter as in the summer. As we write these words, on November 15th, our plants are smothered in bloom. Growers in many parts of the East and Middle West have made enthusiastic reports on this rose. Grows to 3 feet. We recommend planting it right in the shrub border because its handsome foliage and everblooming habit fit it better for that location than for the rose bed. Plant Pat. No. 122. \$1.00 each.\*

**Texas Centennial.** in its glorious rosy red hues, is available as a bush (see next page) or as a climber (see page 63).



# Armstrong Bush Roses

Alphabetical List of Bush Roses (Continued from Page 70)

## Buttercup Yellow

**McGredy's Yellow.** R58. The buds are medium size but beautifully formed, with plenty of petals, and are a lovely uniform shade of light buttercup-yellow. One of the finest things about the variety is the fine bush, which is full of vigor and is continually sending up good stout, straight stems, each one surmounted by one of the beautiful buds, and clothed in extremely handsome dark green Holly-like foliage. Stands heat well and does not fade. 85c ea.

**Mme. Butterfly.** R60. Year after year this fine Rose remains a much loved favorite in the garden, with its deep shadings of apricot and gold on a background of brilliant pink. The delicately modelled flowers are exquisite in both color and form, and since it also possesses a delightful fragrance and lovely foliage, it cannot be displaced by any of the newer Roses. 75c each.

**Mme. Chiang Kai-Shek.** R60A. Giant new yellow. The top All-America Rose for 1944. See page 68. \$2.00 each.\*

## Lots of Buds

**Mme. Edouard Estaunie.** R62. We like roses that have lots of perfect buds for cutting and we think most of our customers do too. That's what you'll get from this fine new rose. Long, flaring, urn-shaped, symmetrical buds of creamy nankeen yellow with deeper flesh tones in the center of the bloom and on the under side of the petals. Every bud and half open flower is perfect in form, borne on long, straight stems for cutting on a tall, vigorous, free-blooming plant. A nice spicy scent too. \$1.00 each.

## One of the Best

**Mme. Henri Guillot.** R51. As the beautiful tight bud begins to unfold its 25 large, crisp, heavy-textured petals of raspberry pink, the bloom becomes lovelier in every succeeding stage, and the great full-blown flower is a thing of splendor. Luxuriant glossy foliage clothes the big spreading plants right down to the ground. You'll find the flowers on top of those straight stems unbelievably gorgeous. They're richly fragrant, too. Put this one near the top of your list because that's where it belongs. Mme. Henri Guillot is in our "Big 10" this year. Plant Pat. No. 337. \$1.25 each.\*

## "The Perfect Rose"

**Mme. Joseph Perraud.** R63. The enormous big-petalled, perfectly formed buds of nasturtium-buff, and with a glowing orange heart, are always perfectly formed, and the vigorous growth, heavy stems, big, broad glossy foliage and free-blooming qualities are all on a par with those perfect buds. Loaded down with gold medals, it came across from France a few years ago acclaimed as "The Perfect Rose," and it has lived up to that glowing phrase. The flowers are sweetly fragrant and long lasting. 85c each.

**Mme. Marie Curie.** R63A. New clear golden yellow. A 1944 All-America Rose. See page 71. \$1.50 each.\*

## Peaches and Cream

**Mrs. Oswald Lewis.** R66. An English rose, introduced by us two years ago, with a true English "peaches and cream" complexion. Everything about the bud is dainty—its long, slender, aristocratic shape, the light buff and pink buds, fading to rich cream, flushed beautifully with pink as the flowers open. It is one of the most exquisite buds in form and color to cut that we have seen in a long time. If you like dainty soft coloring, there is nothing finer in roses than this variety. One of the long slender buds is a treasure that will be admired by all who see it. \$1.25 each.

## A Solid Performer

**Mrs. Pierre S. duPont.** R67. Just visualize a bushy, 2-foot plant so thickly covered with luxuriant, glossy green foliage that you cannot see the ground, surmounted with many stiff-stemmed, medium-sized, golden yellow buds, heavy with fragrance. That's what you'll have in your garden all summer in this fine Rose. You can count on it being a solid performer in the garden. 75c each.

## Mrs. Sam McGredy

**Mrs. Sam McGredy.** R68. This wonderful Rose is a beautiful copper-orange in color, heavily flushed with Lincoln-red. There is no other color in Roses like it. The buds are long-pointed, high-centered and double, with a moderate fragrance. Growth low, robust and much branched with the most beautiful bronzy green foliage, glossy and luxuriant, ever seen on a rose bush. To cap it all, the flowers possess a sweet fragrance. See also the new climbing sport on page 63. 85c each.

## For Flower Arrangements

**Mrs. R. M. Finch.** R67A. (Polyantha.) You've seen this little Baby Rose in the florist shops because it's widely used as a cutflower. The dainty light pink color of the beautiful little 2-inch flowers, borne in loose clusters, fit in with so many other blooms perfectly. It makes a beautiful garden plant, becoming 3 or 4 feet high in time and blooming all through the season so that you always have some of the beautiful pink blooms to cut. 85c each.

## Shades of Night

**Night.** R69. One of the darkest of all Roses, deep crimson shaded black and maroon. The buds and flowers are well shaped, quite double, and it has the spicy clove and cinnamon fragrance that you can imagine would be wafted on the balmy airs of a tropical night. We consider this to be the best of the deep dark reds, but like most dark Roses, the flowers are at their best in cooler weather. It's a good vigorous grower. See also the new climbing sport of this variety described page 71. \$1.50 each.

**Numa Fay.** R69A. New light pink. See page 71. \$1.50.

**Mme. Joseph Perraud** has big, perfect, apricot-yellow buds with an orange heart.





## Picture

**Picture. R72.** We rate this as one of the very finest pink Roses and so do our customers, because it is the best selling pink rose on our list. The plant is strong and vigorous and produces one continuous burst of bloom after another all through the season, every bud is perfectly formed and with plenty of petals so that the flowers are substantial and long-lasting without being too heavy. The color is not a cold color like so many pinks, but it has those warm undertones of salmon which make the color cheerful and glowing. The flowers have plenty of enchanting sweet Tea fragrance too. One of the "Armstrong Big Ten." The new Climbing Picture described and illustrated in color on page 63. It is the outstanding pink climber just as this is the outstanding rose of its color. 85c.

## Piccaninny

**Piccaninny. R71.** A medium sized single rose with five crisp, overlapping petals in a rich deep dark red color with maroon shadings. The flowers are delightfully redolent of the rich spicy scent of cinnamon, and are continuously borne on long stems on the tall, willowy, free-branching plant. The foliage is glossy, too. \$1.25 each.

**Odine. R69B.** New snowy white. See page 71. \$2.00 each.

**Pinocchio. R74.** New pink Baby rose. See page 72. \$1.25 each.\*

**Poinsettia. R73.** Dazzling scarlet. See next page. 85c each.

**Pilar Landecho. R72A.** A new one in rich orange, bronze and yellow. See page 72. \$1.50 each.

## President Hoover

**President Herbert Hoover. R75.** Certainly no Rose planting would be complete without this wonderful multi-colored Rose. It combines many shades of cerise-pink, flame, scarlet and yellow, the long buds being beautifully formed, opening slowly and possessing a most delicious fragrance. One of the finest characteristics is the magnificent growth of the bush, four feet in one season being only quite ordinary growth for this variety, and it is not a question of how long you wish the stems to be but how long you wish to cut them. It is one of the most dependable of all roses. 75c each.

**Rose Marie. R81.** This variety has for a long time been almost the ideal pink garden Rose and is indisputably one of the finest Roses of any color for cutting. A perfectly formed flower, full and long-lasting, dark rose-pink in color, with beautifully veined petals and a rich sweet perfume. A good medium grower. 75c each.

## Radiance

**Radiance. R77.** This ever-popular Rose will probably produce more first class blooms to the plant than any other variety, and it is exceedingly vigorous, hardy, and disease-resistant under all conditions of soil and climate. The flowers are a lovely light silvery-pink, suffused deeper pink, and carry a most delicious damask perfume. Give it plenty of room and be prepared to cut many long-stemmed flowers, for no planter was ever disappointed in the performance of this famous Rose. 75c.

**Red Radiance. R80.** All we need to do is repeat the splendid recommendations made for its sister variety Radiance above, because this red Rose is exactly the same in everything except color of flower, which is a rich cerise-red. No Rose will excel it in fragrance, growth or quantity of blooms. You can plant either Radiance or Red Radiance in almost any location in any climate and get a great big plant without any trouble, for they are rugged enough to thrive anywhere. 75c each.

## Saturnia

**Saturnia. R83.** Long budded, large-petalled flowers of brilliant cardinal-red, salmon-yellow and copper on the reverse, exceedingly fragrant. Fades and opens quickly in hot weather, but in cool weather, the flowers are glorious and simply knock your eye out. Along the coast it will provide some of the most vividly colored roses that can be grown. Plant Pat. No. 349. \$1.00 each.\*

**Signora. R85.** The color is a most intense shade of scarlet-orange with other lighter shades of tangerine and cerise, and the flower, which has plenty of petals, is always most attractive in form from the bud stage to the wide open flower. The big strong plants produce their flowers on excellent long stems. Slight fragrance. Plant Pat. 201. \$1.25 each.\*

**Sierra Glow. R84.** See page 67. \$1.25 each.\*

## Snowbird

**Snowbird. R87.** A very fine, almost pure white rose which is not well known but we think it is one of the prettiest little white roses that can be grown. Long, beautifully shaped, flaring white buds of small to medium size open into snowy white, high-centered blooms crowded with small petals. Very fragrant. It is lovely in all stages, and the plant is free-branching, free-blooming, and better than average in vigor. It will outbloom most white roses two to one. \$1.00 each.

## Southport

**Southport. R88.** This is one of the finest red garden Roses because of its exceedingly brilliant scarlet color and the great quantity of lovely, long, slender buds which it produces. The flower opens quickly into a good sized, loose, open, perfumed bloom which holds its brilliant color well. The plants are strong growing, tall and slender, with the blooms on long stems. Excellent for cut flowers and exceedingly lovely under artificial light. It's one of the "Armstrong Big 10" offered on page 76. 85c each.

**Sunlit. R89.** Perfect little apricot buds on thornless stems. See page 72. \$1.50.

**Sweet Sixteen. R89A.** Lovely pink buds. See page 67. \$1.50 each.\*

## Talisman

**Talisman. R90.** A vividly colored Rose which is probably better known as a cut flower than any other Rose grown. The brilliant coloring is a mixture of orange-scarlet and golden yellow in irregular proportions, but always pleasing. Very double, exquisitely shaped, borne on long stems, and exceedingly sweet scented. Talisman is an indispensable rose for every garden, and after having one plant you usually want more so that you can pick a larger bouquet of those beautiful buds. It's an easy rose to grow because the plant is vigorous, upright and free-branching. 75c each.

**Texas Centennial. R91.** A strong, tall, vigorous 3 to 4 foot plant, with heavy strong stems and magnificent large full buds and blooms—but the color is a bright, glowing carmine-red which in cool weather becomes deeper blood-red. It has such a big, vigorous plant and is so lavish with its richly colored flowers that it has jumped up in popularity each year since it became available. See also new Climbing Texas Centennial on page 63. Plant Pat. No. 162. \$1.00 each.\*

**Reduced rates on 10 or more roses. See price table on page 68.**



Mrs. Dudley Fulton, The Everblooming Shrub Rose

## Biggest of All

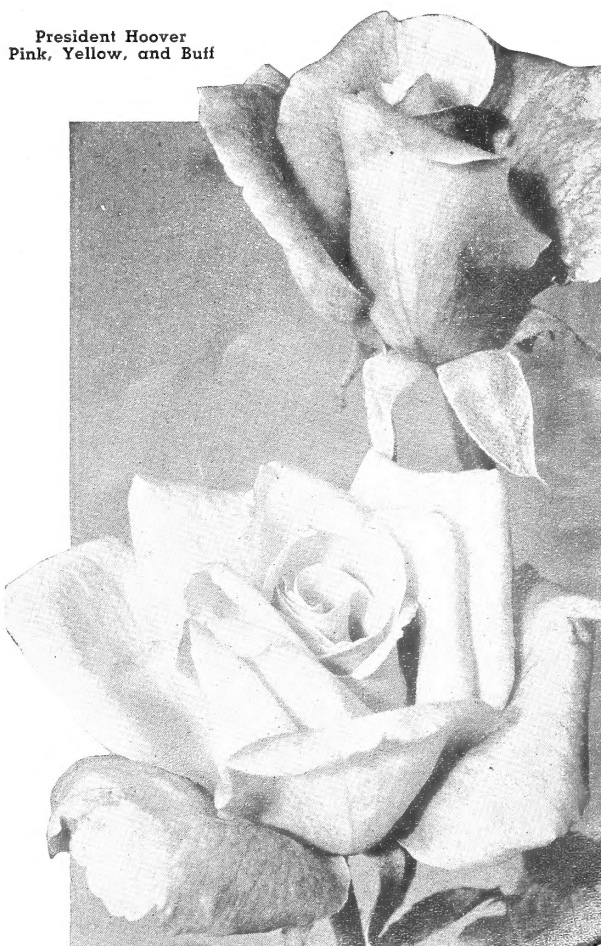
**The Doctor. R93.** Enormous, delicately colored, large-petalled pink blooms, which are so big sometimes you can hardly believe them real—6 inches across with buds in proportion. The plant is modest in growth, and you will have to give it a little extra attention, but it is worth doing that to get those great, exquisite, silvery pink flowers, with the intensely sweet fragrance. One of those big, beautifully proportioned, richly colored, sweetly perfumed flowers is really an event in the garden. \$1.00 each.

**Times Square. R93A.** See page 67. \$1.00 each.

## Clear Sunflower Yellow

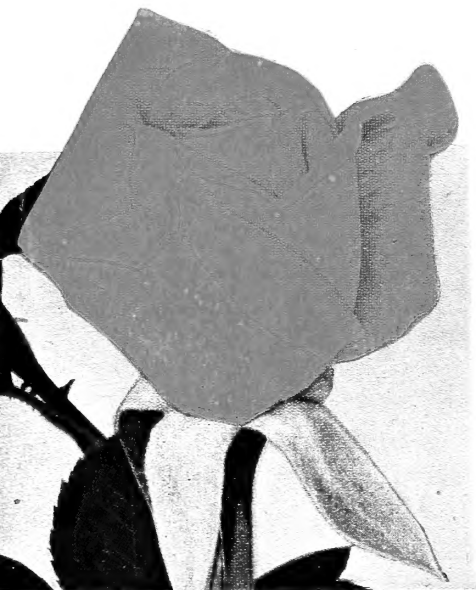
**Ville de Paris. R95.** Flowers of clear sunflower yellow which do not fade. Its shell-shaped petals (20 of them) become lovely cups filled with delicious Tea fragrance. Vigorous, tall growing, glossy foliaged. See also the Climbing form on page 65. A handsome bush and an enormous number of beautiful flowers. 85c each.

President Hoover  
Pink, Yellow, and Buff





Poinsettia, The Dazzling Red Rose



Jonkheer Sandberg



Christopher Stone  
(At Left)  
Alluring spicy  
fragrance.

Golden Rapture  
(at right) is avail-  
able as a bush  
offered above on  
this page or as a  
glorious free-  
blooming climber  
on page 63.

# Armstrong Bush Roses

## World's Fair



**World's Fair. R96.** Big, velvety textured, deep red flowers with blackish shadings, borne in clusters. It has been recommended chiefly for the mass of color which it produces from spring to late fall, but we like it also for the individual beauty of its lovely slender buds and gorgeous clusters of open flowers. An All-America Rose Selection for 1940. Plant Pat. No. 362. \$1.00 each.\*

## You'll Like Chris Stone

**Christopher Stone. R12.** It has continued to grow in popularity each season and ranks as one of the very finest red Roses of recent years. Glowing, brilliant crimson-scarlet, with deeper, dusky shadings as the flower ages, it never has a trace of blue and does not fade in the hottest sun. While it sometimes lacks perfection of form, the blooms have long-lasting substance, a delightfully spicy fragrance, an unequalled richness of color, and it will out-bloom most red Roses two-to-one, because of the vigor of the plant. 85c each.

## A Brilliant Bi-color

**Condesa de Sastago. R14.** This brilliantly bi-colored Spanish Rose is unsurpassed in brilliancy, and its startling color combination is undoubtedly unique. The large, cup-shaped flowers, fairly double and yet not too heavy, are glowing orange-scarlet on the inside of the petals and intensely bright yellow on the outside. The breath-taking beauty of its brilliant flowers is not its only fine quality because the tall, bushy plants are satisfyingly robust, always in bloom, and the flowers are sweetly fragrant. One of the "Armstrong Big Ten." See illustration opposite page. 75c.

## Dazzling Scarlet

**E. G. Hill. R26.** Immense flowers of very lasting dazzling scarlet, never fading or turning blue, but actually becoming deeper red as they open. The flowers are borne on long stems, and are deliciously fragrant. The foliage is abundant. Its brilliant color, extraordinary freedom of bloom, and lasting qualities have made it a popular Rose everywhere. See illustration opposite page. 75c each.

## Golden Rapture

**Golden Rapture. R37.** This Rose has produced some of the most perfectly formed bright yellow buds that we have ever seen—not a pale yellow, but a glowing shining rich yellow without any shadings and the color seldom fades. Has a mild but pleasant fragrance. The growth is medium. In our opinion there is no finer yellow Rose in its color class and its perfection of form and richness of color make it popular with everyone who sees it. One of the "Armstrong Big 10." Also offered as a climber on page 63. 85c each.

## Unfading Yellow

**Jonkheer Mr. G. Sandberg. R47.** One of the most beautiful yellow roses that we grow, a clear, bright, shining shade which does not fade in the sun. The ovoid buds are well shaped, with plenty of petals, and unlike many other yellows, the flowers are produced on a vigorous, upright, bushy plant which keeps throwing out its flower stems continuously. \$1.00 each.

## Most Popular Yellow

**Mrs. Erskine P. Thom. R65.** Over the past several years this has probably been the most valuable yellow Rose for the garden. Our customers think so too for it has out-sold all other yellows almost every year. The nicely shaped buds and well shaped open flowers are a bright canary-yellow without other tints, and the strong-growing, vigorous bush is lavish with the blooms. It has color, form, growth and lovely foliage, so it is going to stay at the top for some time to come. One of the "Armstrong Big 10" listed on the opposite page. 75c each.

## Vivid Poinsettia Red

**Poinsettia. R73.** For sheer dazzling brilliancy we do not think there is any red Rose that equals this comparatively new kind. Its well shaped, high-centered buds are made up of velvety textured petals in such a bright and vivid shade of red that they seem to glow from within. The plant is exceedingly tall and vigorous, producing plentifully of the long-stemmed flowers. The blooms fade somewhat in some weathers but are nearly always very satisfactory. In the fall you'll get from this variety some of the most gorgeous red roses that you have ever seen. 85c each.

## Sister Therese

**Sister Therese. R86.** A remarkably strong, tall, vigorous, free-branching bush. The long, tight, slender buds are always perfect, never becoming misshapen, and they keep well as a cut flower. The chrome-yellow buds tinged with carmine and the lighter yellow open blooms, spicily fragrant, with deeper tones of apricot and gold, are always beautiful to behold. You'll never have to coax this one to grow and bloom. 75c each.

**York and Lancaster. R97.** A 300-year-old rose with some petals entirely white, some entirely red, and sometimes half red and half white. Named in commemoration of the end of the Wars of the Roses between the Houses of York (white) and Lancaster (red). Grows to 6 or 8 feet. Leave it unpruned to get the most flowers. \$1.00 each.



Armstrong's  
Big

10

# A Champion Rose Garden

If you said, "Pick out for me a well-balanced 10-plant rose garden, every plant a strong grower, including only tested varieties which will be surest to succeed in my garden," we would pick out for you the kinds included in our Big 10. Each rose is outstanding in its color, and there is not a weak sister among them. The bushes are typical Armstrong rose plants, husky and heavy-rooted. Within a few weeks after planting, they will fill your garden with lovely blooms and rich rose fragrance.

1. **Charlotte Armstrong.** The No. 1 rose of them all, with long, slender, carmine buds and magnificent open flowers of brilliant cerise-pink.

2. **Chris'opher Stone.** Glowing, brilliant, crimson-scarlet, with deeper dusky shadings.

3. **Condesa de Sastago.** Petals vivid yellow on one side, bright orange-scarlet on the other. Big, full, high-centered blooms, sweetly fragrant.

4. **Etoile de Hollande.** Brilliant non-fading red. One of the most fragrant of all roses.

5. **Girona.** Lovely tones of pink, carmine and yellow. Fully double, exceedingly fragrant.

6. **Golden Rapture.** Perfect buds of glorious, shining, brilliant yellow.

7. **Mme. Henri Guillot.** Gorgeous velvety raspberry-pink, with luxuriant glossy foliage. From the tight bud to the last petal that drops, it is a perfect rose.

8. **Mrs. Erskine P. Thom.** Beautiful buds and well-shaped open flowers of bright canary-yellow without other tints.

9. **Picture.** Lovely buds and flowers of warm pink. Our favorite pink rose.

10. **Southport.** Lovely long slender buds of vivid never-fading scarlet.

You can't give anyone (even yourself) a finer gift than a lovely rose garden that will live on in the garden year after year. We will be glad to send the "Big 10" anywhere in the country to arrive at any time between December 15 and May 15. Each sturdy bush will be properly pruned for planting, and complete instructions for planting and care will be included. Just say, "Please send the 'Big 10' (or Rose Offer No. 10) and you'll get one plant of each variety named above (an \$8.15 value), for only \$6.45.

Add 16c sales tax on California shipments. For delivery to any point in California, Arizona or Nevada add 25c for packing and shipping; other states west of the Mississippi add 70c; and eastern states add \$1.15.

## These Are the Things That Count

Tempe, Ariz., Mar. 12, 1943: "The Charlotte Armstrong bushes you expressed to me came in perfect condition, all are putting out lovely strong foliage, and have given a number of people a lot of pleasure."

Santa Ana, Calif., April 7, 1943: "Please allow me to express our complete satisfaction with the many plants received from you at various times. They have all proven a joy to us, especially the roses, which are truly gorgeous at this time. 'Picture' is my favorite—it is like an exquisite cameo."

Glendale, Calif., April 9, 1943: "Just have to write you about the roses my wife purchased from you and presented me for Christmas, 1942. Planted same day after Christmas and here are the results on this day, April 7, 1943. Fiesta cut two full blooms and has ten other buds all coming fine and think this the finest colored rose I have seen. Miss Clipper cut the finest three buds of any rose and has seventeen more buds on the bush, and what a perfume. Charlotte Armstrong has fourteen buds on same not far enough for cutting at present but all are perfect. Sierra Glow has ten buds all coming along fine."

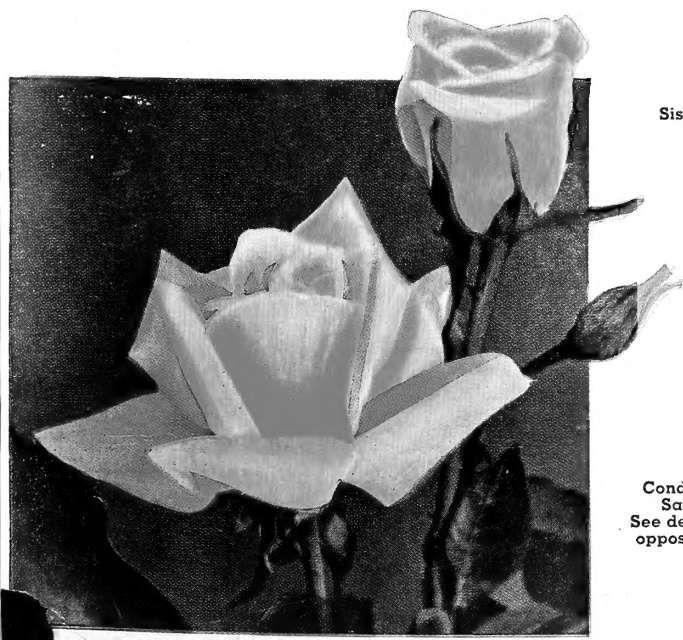
Zephyr Hills, Florida, Mar. 23, 1943: "Roses are the finest I have ever received from any place. You should see the growth they have made since I put them out. They are wonderful!"



E. G. Hill

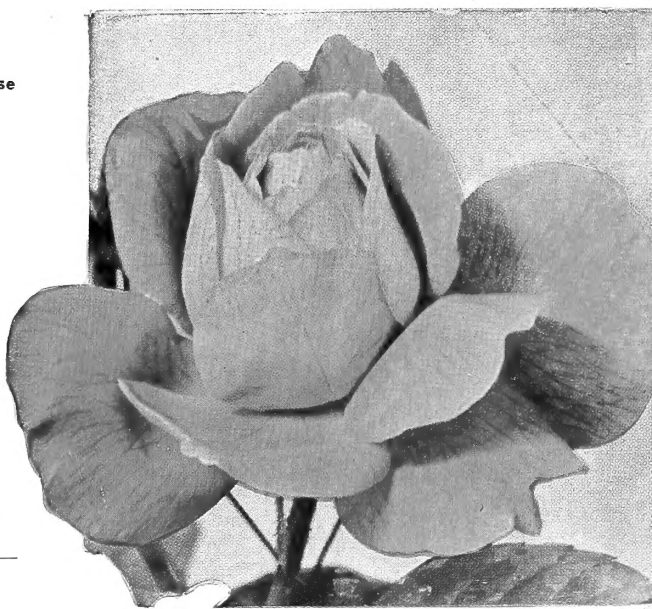


Mrs. E. P. Thom



Sister Therese  
(At Left)

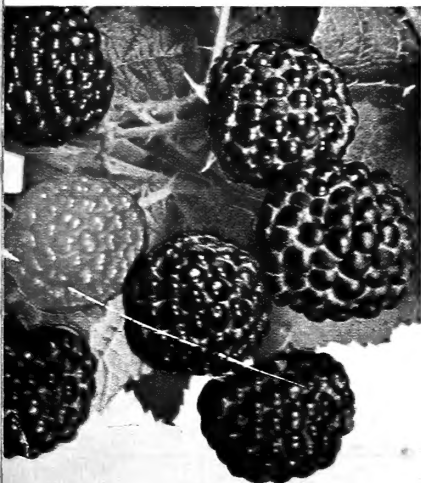
Condesa de  
Sastago  
See description  
opposite page







Sunlit has the most perfect little rose buds that you'll ever see on a rose.



The new Evans Black Cap Raspberries are the very finest for California. See other berries on pages 17 and 18.

## The Royal Trumpet Vine

**Distictis riversi. V14. 20°.** This glorious new hybrid flowering vine carries many amazingly brilliant purple and yellow flowers, borne in clusters. Each long flaring trumpet is almost 6 inches in length. The tube of the trumpet is brilliant yellow and the open face a gorgeous royal purple which changes as the flowers age to rich shades of violet and lilac, vivid orange in the throat. The big, gorgeous vine is covered with handsome, glossy, evergreen leaves and blooms almost eight months out of the year. You'll be startled at the size and beauty of the flowers. Probably at its best within 30 miles of the coast in Southern California. Full sun. Plant Pat. No. 554. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

## Sunlit Rose

**Sunlit. R89.** One of the prettiest little roses that you'll ever see, about half the size of the usual rose and perfect in every detail. The color is apricot-pink, intense in the bud, lighter in the open flower, but always lovely. The plant is almost thornless. \$1.50 each.

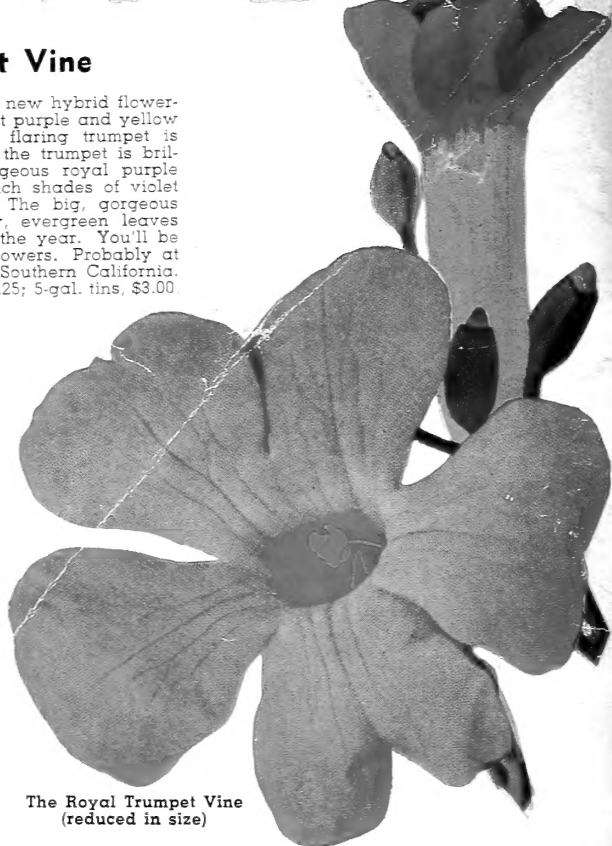
## Black Raspberries

**Evans Black Raspberry. FB10.** Everybody likes the rich full flavor of Black Raspberries. They are delicious to eat with sugar and cream, and they make wonderful jam. This new kind seems to do better than others in our Southern California climate and bears big crops of the most beautiful, juicy, sweet, black raspberries that you can imagine. Our mouth waters just to write about them. 35c each, \$3.00 per 10, \$20.00 per 100.

## A New Hibiscus

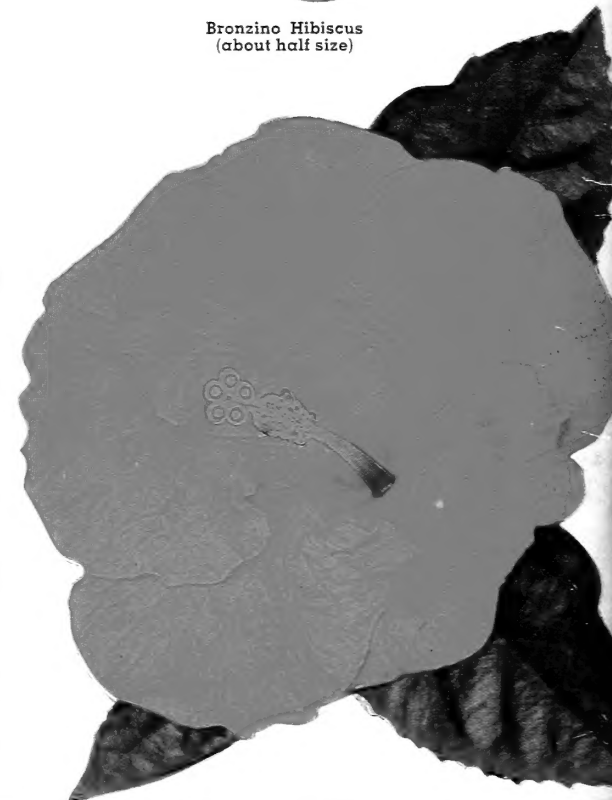
**Bronzino Hibiscus. SH2A.** A magnificent new Hawaiian Hibiscus with a big 6-inch flower in brilliant orange-bronze with a hint of red in the center. The petals are very large and ruffled like crepe paper, giving it a beautiful effect. Gal. tins, \$1.25; 5-gal. tins, \$3.00.

See other Armstrong Hibiscus on page 53.



The Royal Trumpet Vine (reduced in size)

Bronzino Hibiscus (about half size)



## Three Big Salesyards to Visit

**Main Display Yard in Ontario,** 35 miles east of Los Angeles, can be reached over either of the two main east and west highways, Valley Boulevard (U. S. 99) or Foothill Boulevard (U. S. 66). See map page 40. Motor Transit bus leaves Sixth and Main Streets, Los Angeles, every hour.

**North Hollywood Branch,** 12908 Magnolia Blvd. (corner Magnolia Blvd. and Coldwater Canyon Ave.), has a complete display of Armstrong products. Cash only. Deliveries to San Fernando Valley and adjacent territory.

**Culver City Branch,** 4440 Sepulveda Blvd. (four blocks south of Culver Blvd.), is conveniently located for the western and southern parts of Los Angeles and the beach cities. Cash only. No deliveries.

**No Matter When** you visit one of the three Armstrong Salesyards, you'll always see something interesting. They are veritable treasure houses of garden plants. Fruiting tree and plants are featured.

**Delivery.** Truck delivery service to most of Southern California from our Ontario yard, wartime regulations permitting. We ship safely to all of California and the United States by mail, express, freight. See pages 40-41.

Please address all mail orders and correspondence to our Ontario office.

## Armstrong Nurseries

Ontario, California

Return Postage Guaranteed

*Please do not fold*

Horticultural Crops and Diseases,  
Bureau of Plant Industry,  
U. S. Dept. of Agri.  
Washington, D. C.

*% Miss Neuman South Bldg.*

